HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

EX1 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
☛ *KDL-40Z4100/B*	*RM-YD024*	*US/CND*
☛ *KDL-40Z4100/B*	*RM-YD024*	*MX/LATIN AMERICA*
☛ *KDL-40Z4100/S*	*RM-YD024*	*US/CND*
☛ *KDL-40Z4100/S*	*RM-YD024*	*MX/LATIN AMERICA*
☛ *KDL-46Z4100/B*	*RM-YD024*	*US/CND*
☛ *KDL-46Z4100/B*	*RM-YD024*	*MX/LATIN AMERICA*
☛ *KDL-46Z4100/S*	*RM-YD024*	*US/CND*
☛ *KDL-46Z4100/S*	*RM-YD024*	*MX/LATIN AMERICA*

ORIGINAL MANUAL ISSUE DATE: 5/2008

☛ **:UPDATED ITEM**

REVISION DATE	SUBJECT
5/2008	No revisions or updates are applicable at this time.
8/2008	Reissue entire manual due to multiple updates.
8/2008	Updated reference to LCD Panels service manual. Replaced pages 84, 86, & 88. Removed Appendix B. Replaced page 3.

LCD DIGITAL COLOR TELEVISION

SONY®

9-883-786-03

Self Diagnosis Supported model

SERVICE MANUAL

EX1 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
☛ KDL-40Z4100/B	RM-YD024	US/CND
☛ KDL-40Z4100/B	RM-YD024	MX/LATIN AMERICA
☛ KDL-40Z4100/S	RM-YD024	US/CND
☛ KDL-40Z4100/S	RM-YD024	MX/LATIN AMERICA
☛ KDL-46Z4100/B	RM-YD024	US/CND
☛ KDL-46Z4100/B	RM-YD024	MX/LATIN AMERICA
☛ KDL-46Z4100/S	RM-YD024	US/CND
☛ KDL-46Z4100/S	RM-YD024	MX/LATIN AMERICA

KDL-46Z4100

RM-YD024

LCD DIGITAL COLOR TELEVISION

SONY®

9-883-786-03

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SPECIFICATIONS

Power Requirements 120V AC, 60Hz

Power Consumption (W)

In Use (Max) 225W (KDL-40Z4100/B & 40Z4100/S ONLY)
285W (KDL-46Z4100/B & 46Z4100/S ONLY)

In Standby

Less than 0.1W

VIDEO (IN) 1/2/3:

S Video (4-Pin Mini DIN (VIDEO 1 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75 ohms unbalanced, sync negative

Audio

500 mVrms (Typical)

Impedance:47 kilohms

COMPONENT IN 1/2:

YP_BP_R (Component Video)

Y:1.0 Vp-p, 75 ohms unbalanced, sync negative

P_B:0.7 Vp-p, 75 ohms

P_R:0.7 Vp-p, 75 ohms

Signal format: 480i, 480p, 720p, 1080i, 1080p

AUDIO

500 mVrms (Typical)

Impedance: 47 kilohms

HDMI IN 1/2/3/4:

HDMI: Video: 480i, 480p, 720p, 1080i,1080p, 1080/24p

Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital

AUDIO (for HDMI IN 4):

500 mVrms (Typical)

Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (Typical)

DIGITAL OUT (OPTICAL):

PCM/Dolby Digital optical signal

PC IN:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 500 mVrms (Typical)

Impedance: 47 kilohms

LAN (10/100):

10 BASE-T/100-TX Connector

DMPORT:

Audio

500 mVrms (Typical)

Impedance:47 kilohms

USB:

Hi-Speed USB

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U.S. Patent No. 5,717,422
U.S. Patent No. 6,816,141

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Design and specifications are subject to change without notice.

	KDL-40Z4100/B & 40Z4100/S	KDL-46Z4100/B & 46Z4100/S
Speaker Output	10W+10W	10W+10W
mm	45 X 200 mm	45 X 200 mm
in	$1^{3/4}$ x $7^{7/8}$ in	$1^{3/4}$ x $7^{7/8}$ in
Dimensions (W x H x D)		
with stand		
mm	994 x 654 x 279 mm	1,079 x 734 x 307 mm
in	$37^{1/4}$ x $25^{3/4}$ x 11 in	$42^{1/2}$ x 29 x $12^{1/8}$ in
without stand		
mm	994 x 608 x 72 mm	1,079 x 686 x 74 mm
in	$37^{1/4}$ x 24 x $2^{7/8}$ in	$42^{1/2}$ x $27^{1/8}$ x 3 in
wall-mount hole pattern	300 x 300 mm	300 x 300 mm
Mass		
with stand		
kg	21.5 kg	26 kg
lbs	48 lbs	58 lbs
without stand		
kg	18 kg	22 kg
lbs	40 lbs	49 lbs

All measurements are approximations.

Television system

NTSC	American TV Standard
ATSC (8VSB terrestrial)	ATSC compliant 8VSB
QAM on cable	ANSI/SCTE 07 2000

Channel coverage

Analog

2-69	Terrestrial
1-135	Cable

Digital

2-69	Terrestrial
1-135	Cable

Antenna

75-ohm external terminal for RF inputs

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical)

1,920 dots x 1,080 lines

Screen Size (measured diagonally)

KDL-40Z4100/B & 40Z4100/S Only ~ 40 inches
KDL-46Z4100/B & 46Z4100/S Only ~ 46 inches

Supplied Accessories

Remote Commander RM-YD024
Two Size AA Batteries
AC Power Cord
Cable Holder (1 attached to the TV)
Operating Instructions
Quick Setup Guide
Warranty Card
Online Registration Card
Safety and Regulatory Booklet
Attaching the Table-Top Stand
Installing the Wall-Mount Bracket
Stand Rear Cover

Optional Accessories

Connecting Cables
Suport Belt Kit
Wall-Mount Bracket
SU-WL500
TV-Stand
WS-S10LS
SU-FL300M
SU-FL300L (KDL-46Z4100/B & 46Z4100/S Only)

WARNINGS AND CAUTIONS - ENGLISH

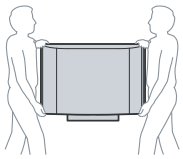
CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

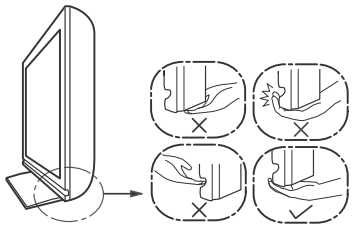
CARRYING THE TV

Be sure to follow these guidelines to protect your property and avoid causing serious injury.

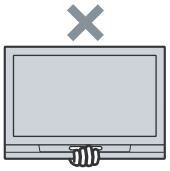
- Before carrying the TV, disconnect all cables.
- Carrying the large size TV requires two or more people.
- When carrying the TV, place your hand as illustrated and hold it securely. Do not subject the TV to shocks, vibration, or excessive force.



- Lift the TV by placing your palm directly underneath the panel but do not:
  - squeeze the speaker grill area
  - place your fingers in the groove above the speaker grill area
  - put stress on the LCD panel.



- Do not lift the TV from the bottom center.



WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

WARNINGS AND CAUTIONS - FRENCH

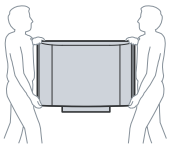
ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

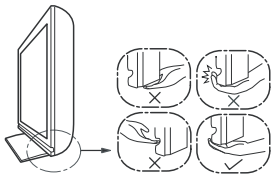
POUR TRANSPORTER LE TÉLÉVISEUR

Assurez-vous de suivre les consignes suivantes pour protéger votre bien et éviter les blessures graves.

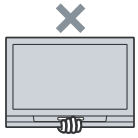
- Avant de transporter le téléviseur, débranchez tous les câbles.
- Le transport d'un téléviseur de grande taille doit être effectué par au moins deux personnes.
- Lorsque vous transportez le téléviseur, placez vos mains tel qu'illustré et tenez solidement l'appareil. Ne soumettez pas le téléviseur à des chocs ou à des vibrations, ni à une force excessive.



- Soulevez le téléviseur en plaçant la paume de votre main directement en dessous du panneau, mais :
  - n'appuyez pas sur la région de la grille de haut-parleur
  - ne placez pas vos doigts dans le sillon au-dessus de la région de la grille de haut-parleur
  - n'imposez pas de charge sur le panneau ACL.



- ne soulevez pas le téléviseur en plaçant vos mains en dessous au centre.



Afin d'eviter tout risque d'electrocution provenant d'un châssis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

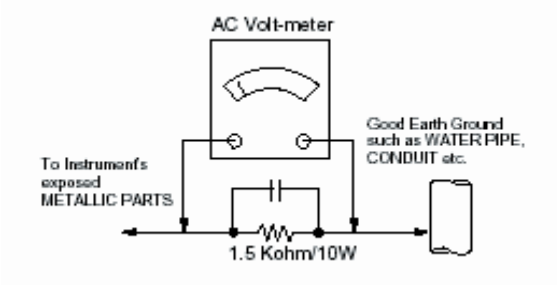
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

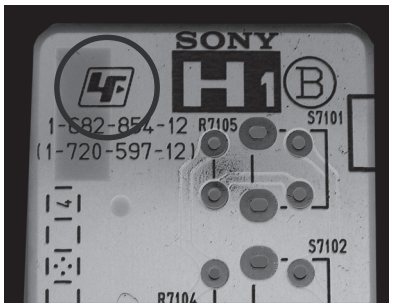
- → do not press on the panel or frame edge to avoid the risk of electric shock.
- → do not scratch or press on the panel with any sharp objects.
- → do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- → do not expose the LCD panel to direct sunlight.
- → avoid contact with water. It may cause a short circuit within the module.
- → disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms.)
- → always clean the LCD panel with a soft cloth material.
- → use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- → protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints.
Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to *http://www.sony-training.com*

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instructions.

2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson’s 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

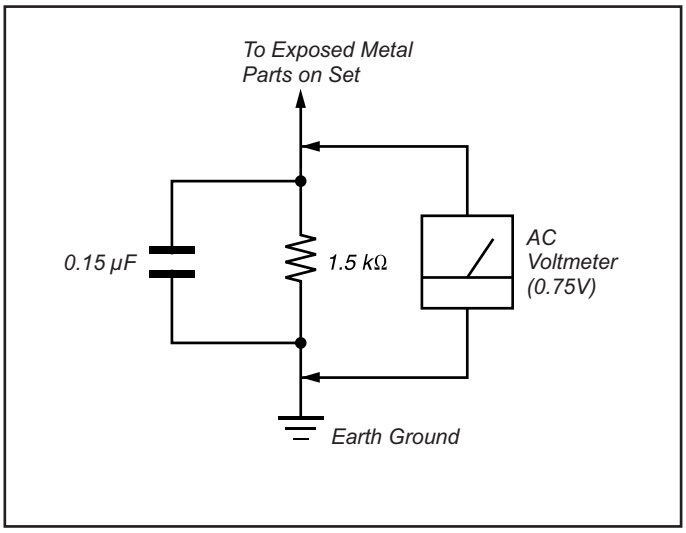


Figure A. Using an AC voltmeter to check AC leakage.

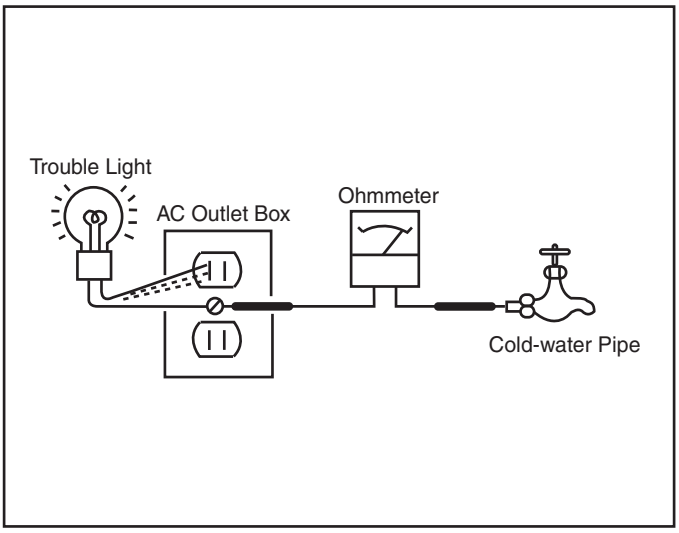


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

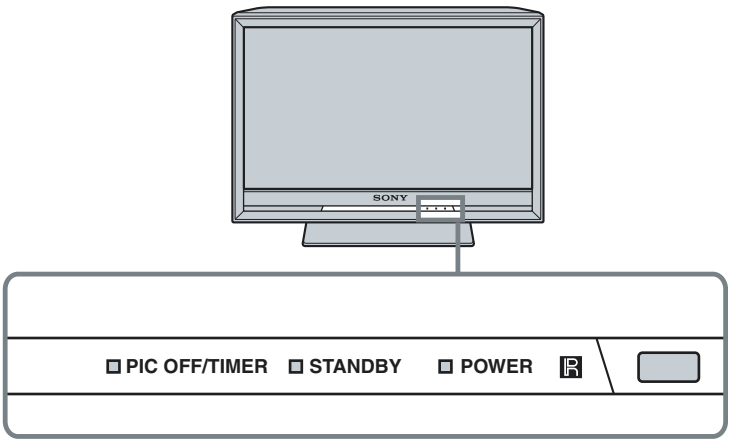
Self Diagnosis Supported model

The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

1. Diagnostic Test Indicators

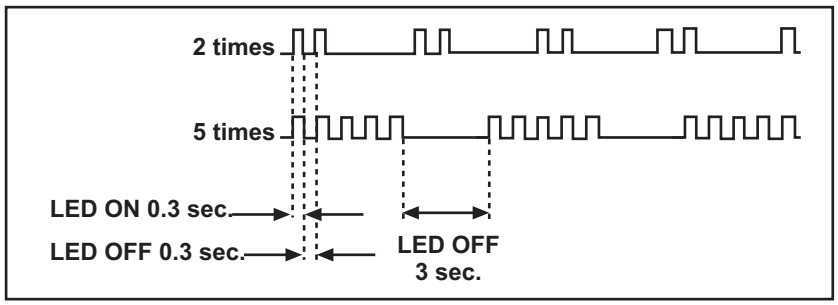
When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

Control Buttons



Description of LED Indictors

LED	LED Type	Description
POWER LED	Green LED	* Lights up in green when the TV set is turned on.
STANDBY LED	Red LED	* Lights up in red when TV is in PC standby mode. * If LED blinks continuously, this may indicate that the TV needs servicing.
PIC OFF/ TIMER LED	Green or Orange LED	* Lights up in green when Picture Off is activated. * Lights up in orange when the timer is set. When timer is set, the LED remains lit even when the TV is turned off.



LED Indicators

Diagnostic Item Description	Number of times STANDBY lamp flashes	Possible Location
Main Power	2 times	Power Supply Board
DC Alert	3 times	Main Board Power Supply Board
Panel Alert	5 times	LCD Panel
Backlight	6 times	Main Board Power Supply Board Balancer Board (ETC-Inverter MT Board)
Temp	7 times	Main Board
SP Prot	8 times	Main Board
Trident IC	11 times	Main Board
TCON Error	12 times	LCD Panel
Backlight Balance	13 times	LCD Panel Balancer Board (ETC-Inverter MT Board)
HFR Error	14 times	LCD Panel

Viewing the Self Check Diagnostic List

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY → Channel 5 → Volume - → TV POWER.
   The Self Check list displays. ↑ This differs from accessing Service Adjustments.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".
NOTE: If the Service Menu display text is not completely visible, press the Menu HOME button on the Remote Commander to refresh the display.

```
SELF CHECK                    PAGE 1

002  MAIN_POWER               01
003  DC_ALERT1                00
005  PANEL_ALERT              00
006  BACKLIGHT                00
013  BACKLIGHT_BALANCE        00

00001  00027  00009 00000
```

← 1 indicates an error was detected
← 0 indicates no error was detected

3. Press the Channel 1 button on the Remote Commander to go to Page 2 of the Self Check list.

```
SELF CHECK                    PAGE 2

007  TEMP                     00
008  SP_PROT                  00
011  TRIDENT_IC               00
012  HFR_ERROR                00
012  TCON_ERROR               00

00001  00027  00009 00000
```

← Displays as 12 Blinks, but is actually 14 Blinks

↑ ↑ ↑ Total Panel Hours
↑ ↑ Total Hours of Operation
↑ Boot Count

4. Press the Channel 4 button on the Remote Commander to go back to Page 1 of the Self Check list.
5. To exit Self Check display, turn the power off.

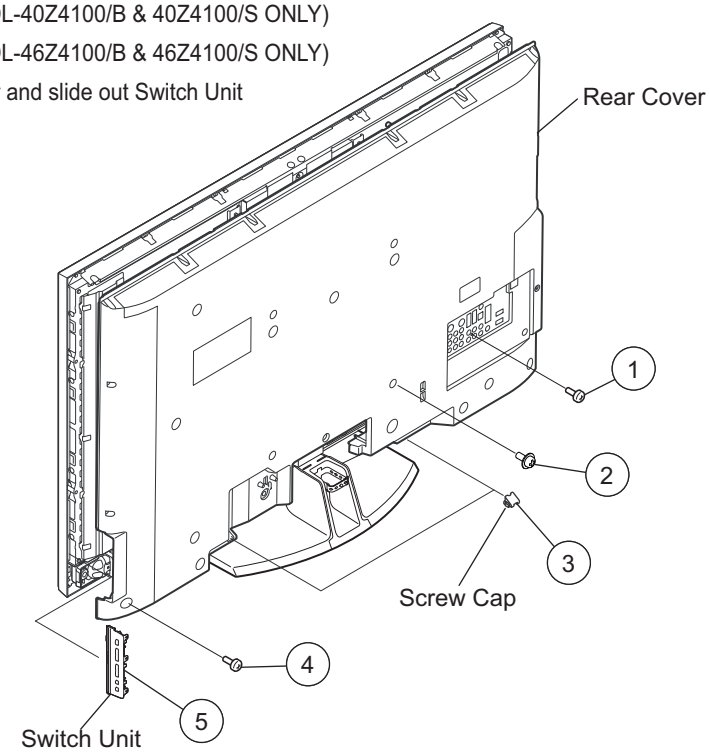
Clearing the Self Check Diagnostic List

1. In Service Mode, press the Channel 8 → Channel 0.

SECTION 1: DISASSEMBLY

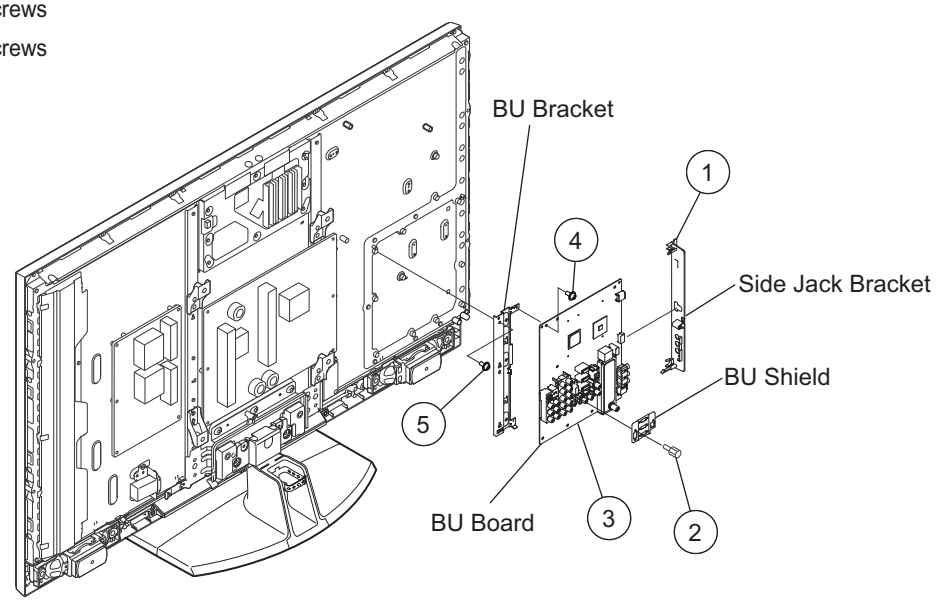
1-1. REAR COVER AND SWITCH UNIT (CONTAINS H1 BOARD) REMOVAL

1. Remove 2 screws from Terminal Position
2. Remove 4 screws
3. Remove 2 Screw Caps from Rear Cover
4. Remove 15 screws (KDL-40Z4100/B & 40Z4100/S ONLY)
   Remove 17 screws (KDL-46Z4100/B & 46Z4100/S ONLY)
5. Disconnect 1 connector and slide out Switch Unit



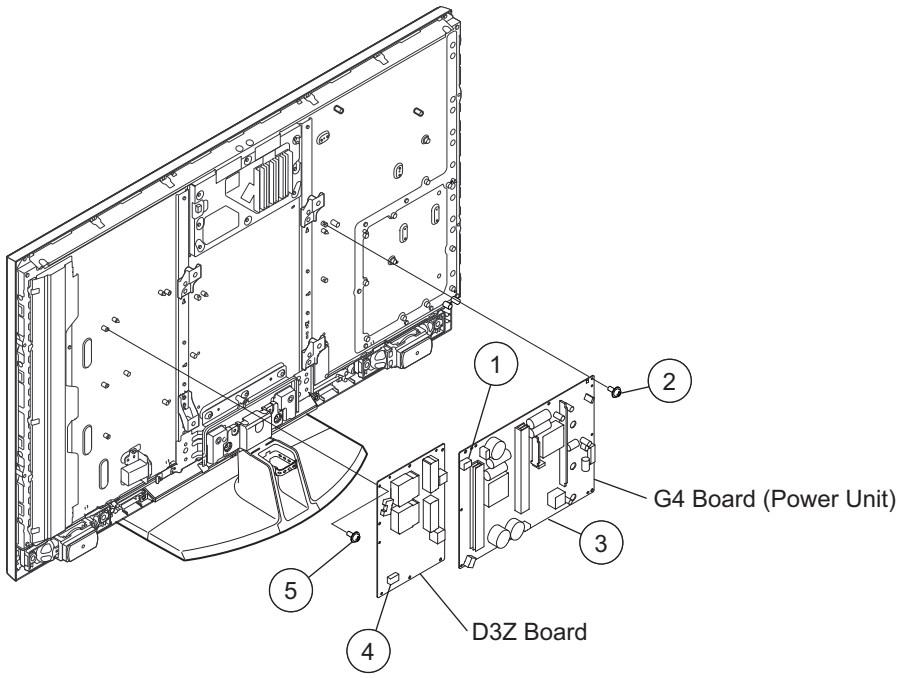
1-2. SIDE JACK BRACKET, BU BRACKET, BU SHIELD AND BU BOARD REMOVAL

1. Release hook and slide out Side Jack Bracket from BU Board
2. Remove 2 HEX screws
3. Disconnect 5 connectors
4. Remove 9 screws
5. Remove 3 screws



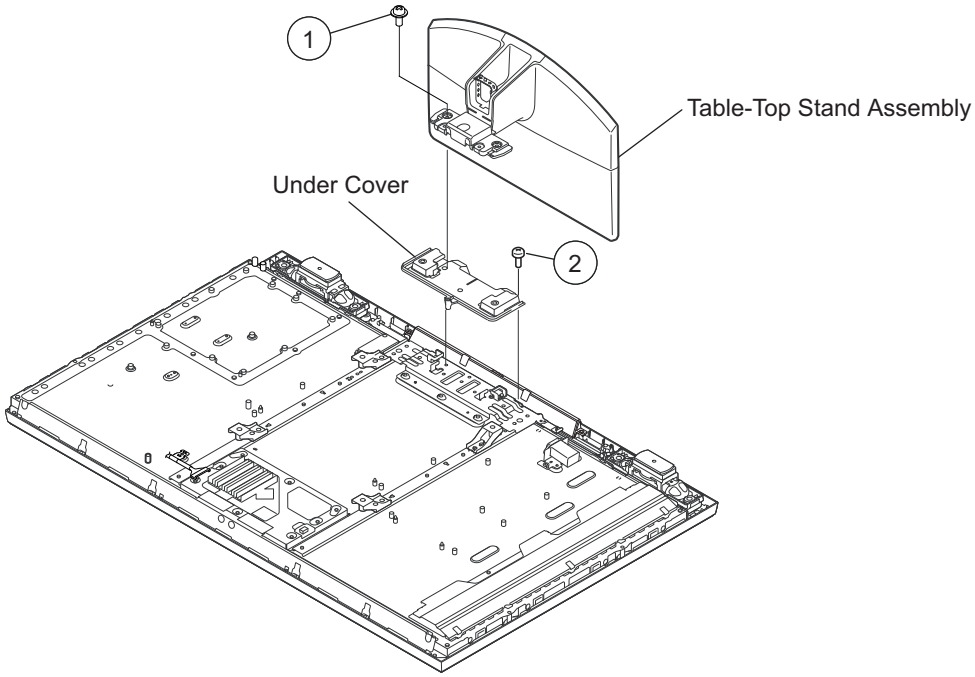
1-3. G4 BOARD (POWER UNIT) REMOVAL

(1) Disconnect 3 connectors
(2) Remove 6 screws
(3) Release board holders
(4) Disconnect 4 connectors
(5) Remove 6 screws



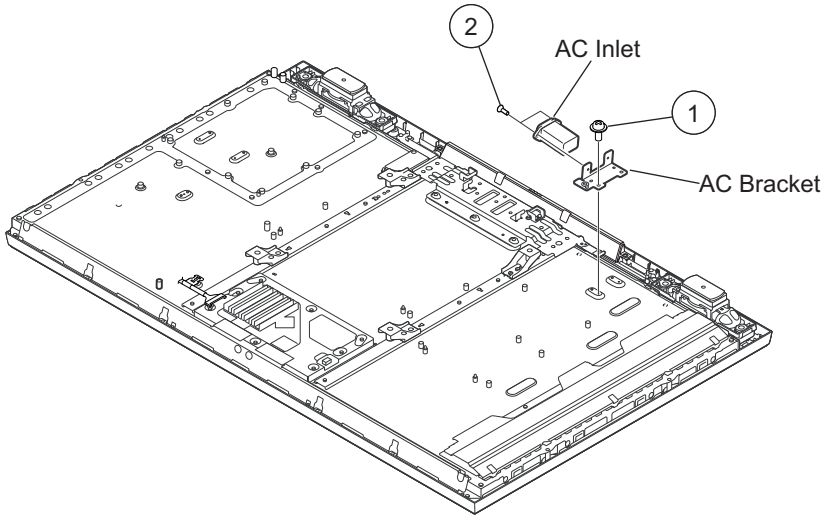
☛ 1-4. TABLE-TOP STAND AND UNDER COVER REMOVAL

(1) Remove 4 screws
(2) Remove 2 screws



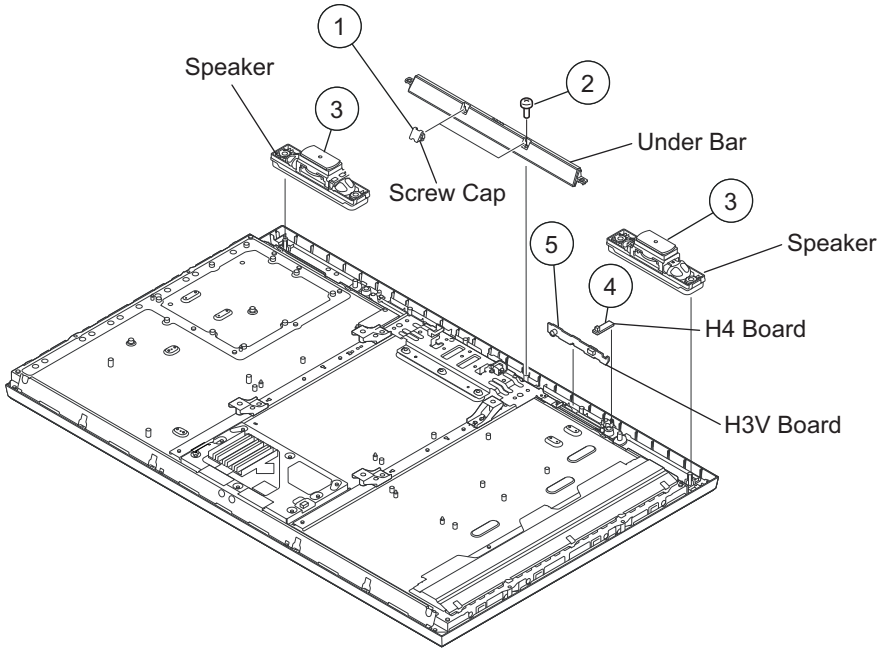
1-5. AC INLET AND AC BRACKET REMOVAL

(1) Remove 2 screws
(2) Remove 2 screws



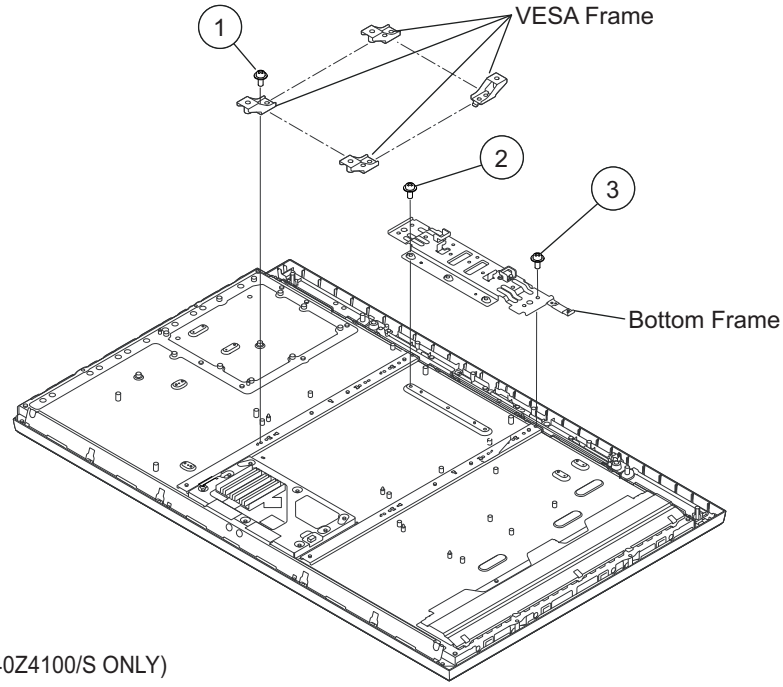
☛ 1-6. SPEAKERS, UNDER BAR, SCREW CAPS, H3V BOARD, AND H4 BOARD REMOVAL

(1) Remove 2 Screw Caps from Under Bar
(2) Remove 2 screws from Under Bar
(3) Slide out Speaker units from Bezel
(4) Disconnect 1 connector and release IR Guide hooks to remove H4 Board
(5) Disconnect 1 connector and Slide out H3V Board from Bezel



1-7. VESA FRAMES AND BOTTOM BRACKET REMOVAL

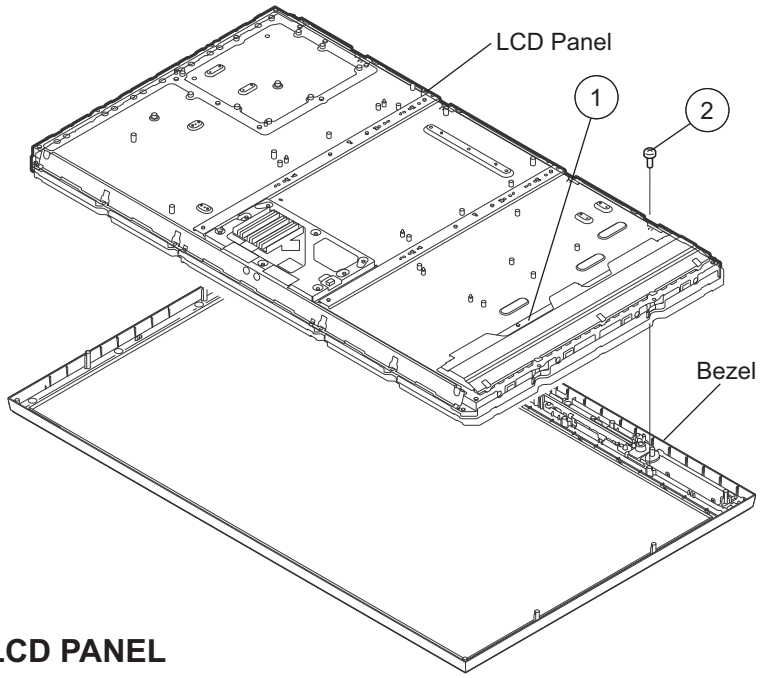
1. Remove 4 screws from VESA Frames
2. Remove 4 screws
3. Remove 4 screws



1-8. LCD PANEL REMOVAL

1. Disconnect 2 connectors
2. Remove 3 screws (KDL-40Z4100/B & 40Z4100/S ONLY)
   Remove 5 screws (KDL-46Z4100/B & 46Z4100/S ONLY)

NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BU Board. Refer to Wire Dressing Illustration on Page 32 for KDL-40Z4100/B & 40Z4100/S models and on Page 52 for KDL-46Z4100/B & 46Z4100/S models.



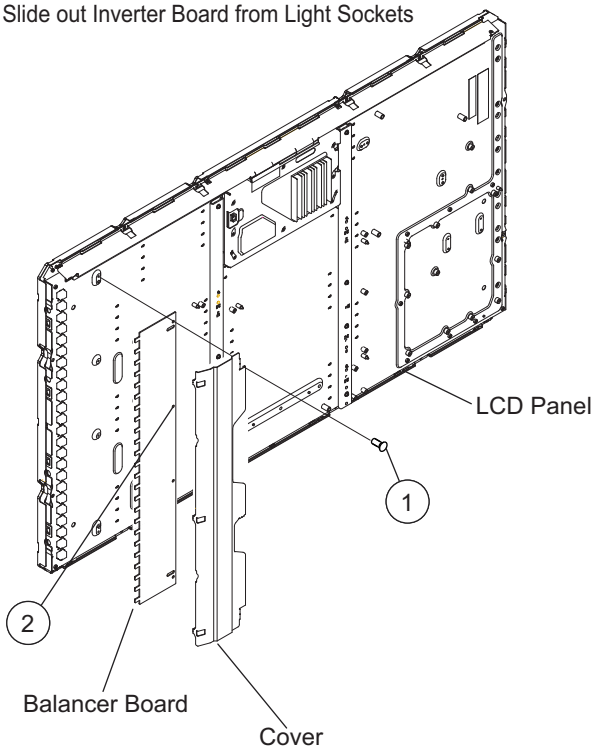
☛ 1-8-1. CLEANING THE LCD PANEL

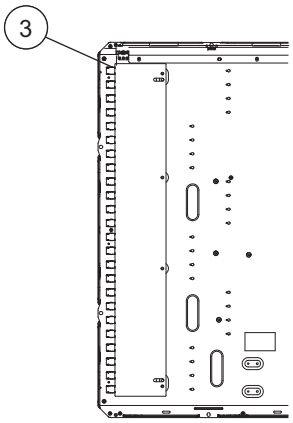
CAUTION: When cleaning the TV, be sure to unplug the power cord to avoid any chance of electric shock.

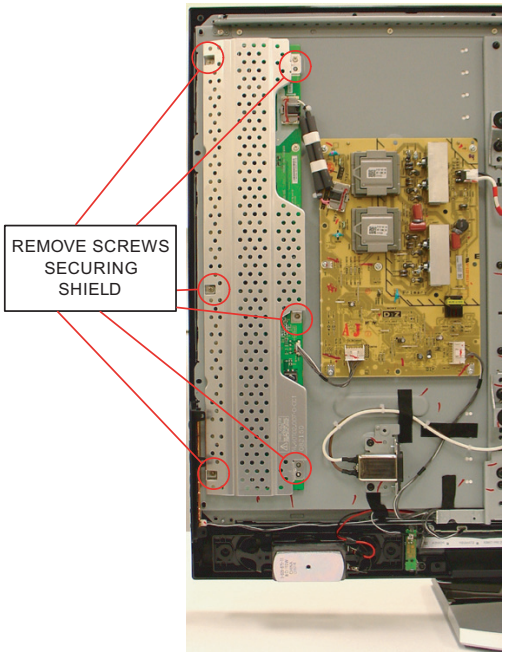
1. Clean the cabinet of the TV with a dry soft cloth.
2. Wipe the LCD screen gently with a soft cloth.
   - → Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.
   - → If using a chemically pretreated cloth, please follow the instruction provided on the package.
   - → Never use strong solvents such as a thinner, alcohol or benzine for cleaning.
   - → Periodic vacuuming of the ventilation openings is recommended to ensure to proper ventilation.

1-9. BALANCER (ETC-INVERTER) MT BOARD REMOVAL

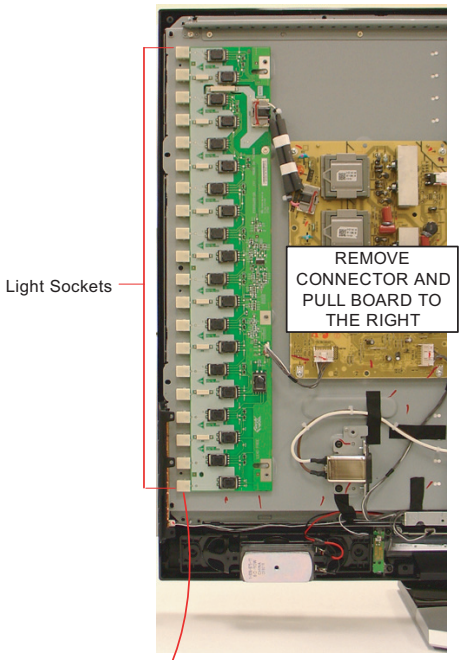
1. Remove 6 screws from board cover
2. Remove 1 screw
3. Slide out Inverter Board from Light Sockets

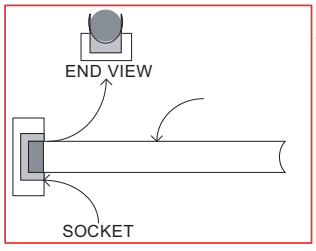






SHIELD REMOVAL





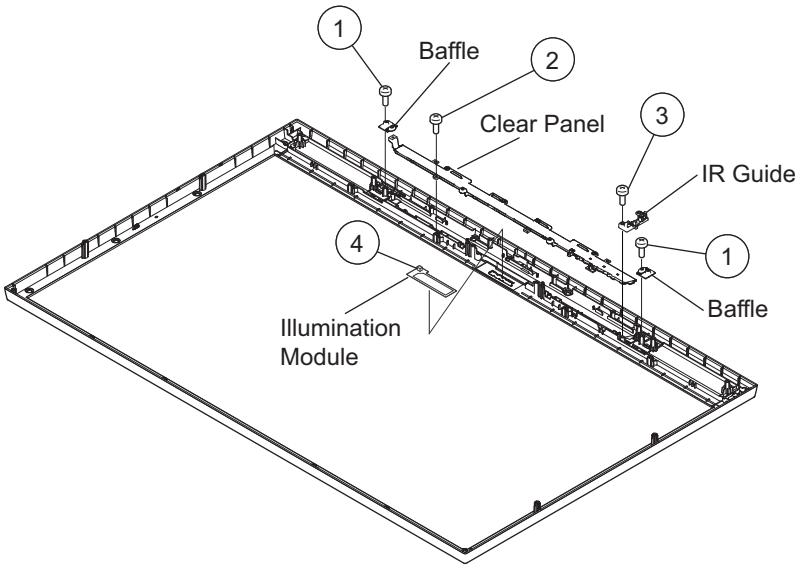
BALANCER (ETC-INVERTER) BOARD REMOVAL

Only remove the screws securing the inverter cover which may be metal or plastic.

The sockets for the fluorescent backlights should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement.

1-10. BAFFLES, IR GUIDE AND CLEAR PANEL REMOVAL

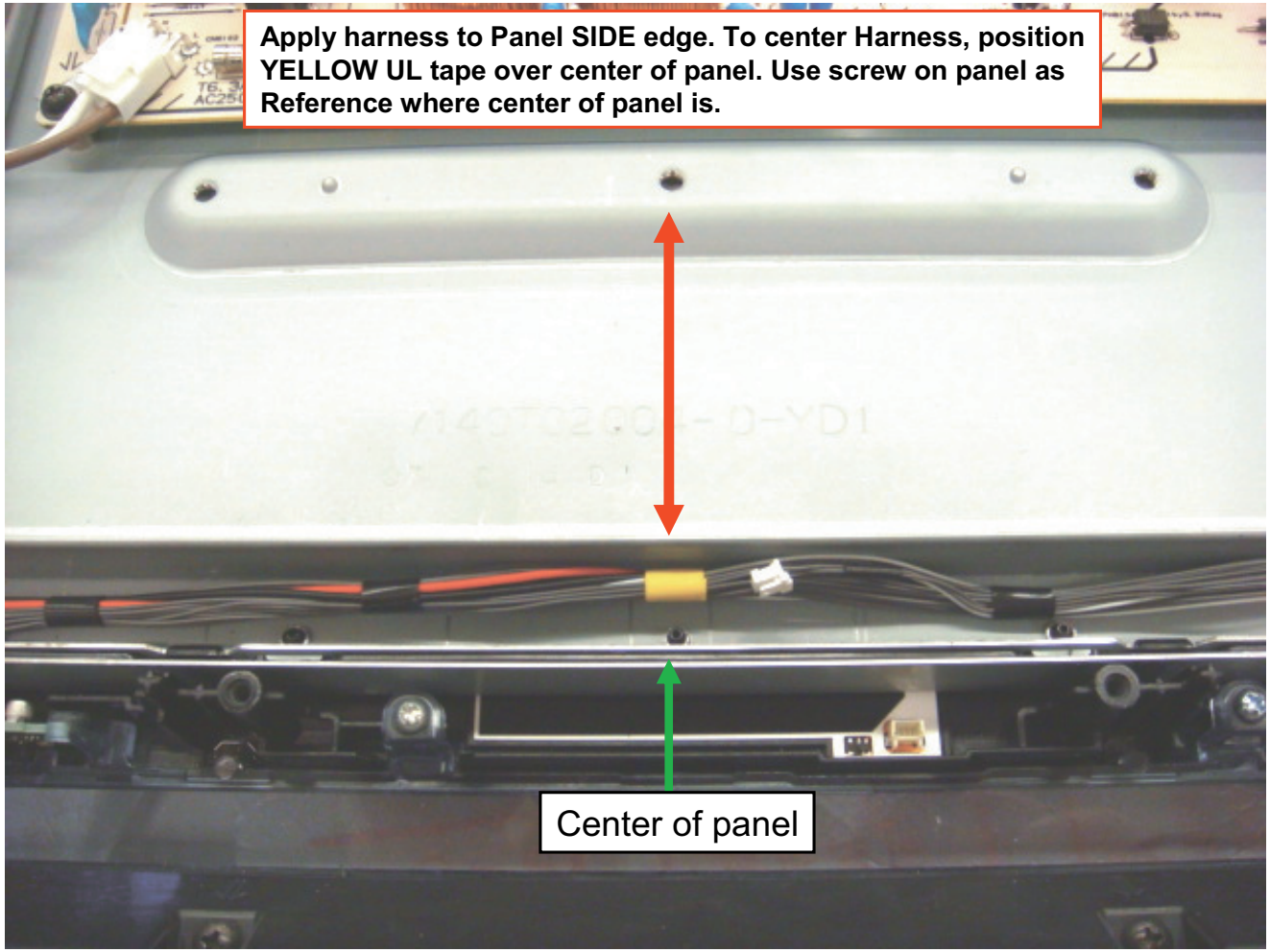
(1) Remove 2 screws from Baffles (KDL-46Z4100/B & 46Z4100/S ONLY)
(2) Remove 3 screws
(3) Remove 2 screws
(4) Disconnect one connector and slide out from Bezel



WIRE DRESSING

KDL-40Z4100/B & 40Z4100/S ONLY

H BOARD/SPEAKER HARNESS

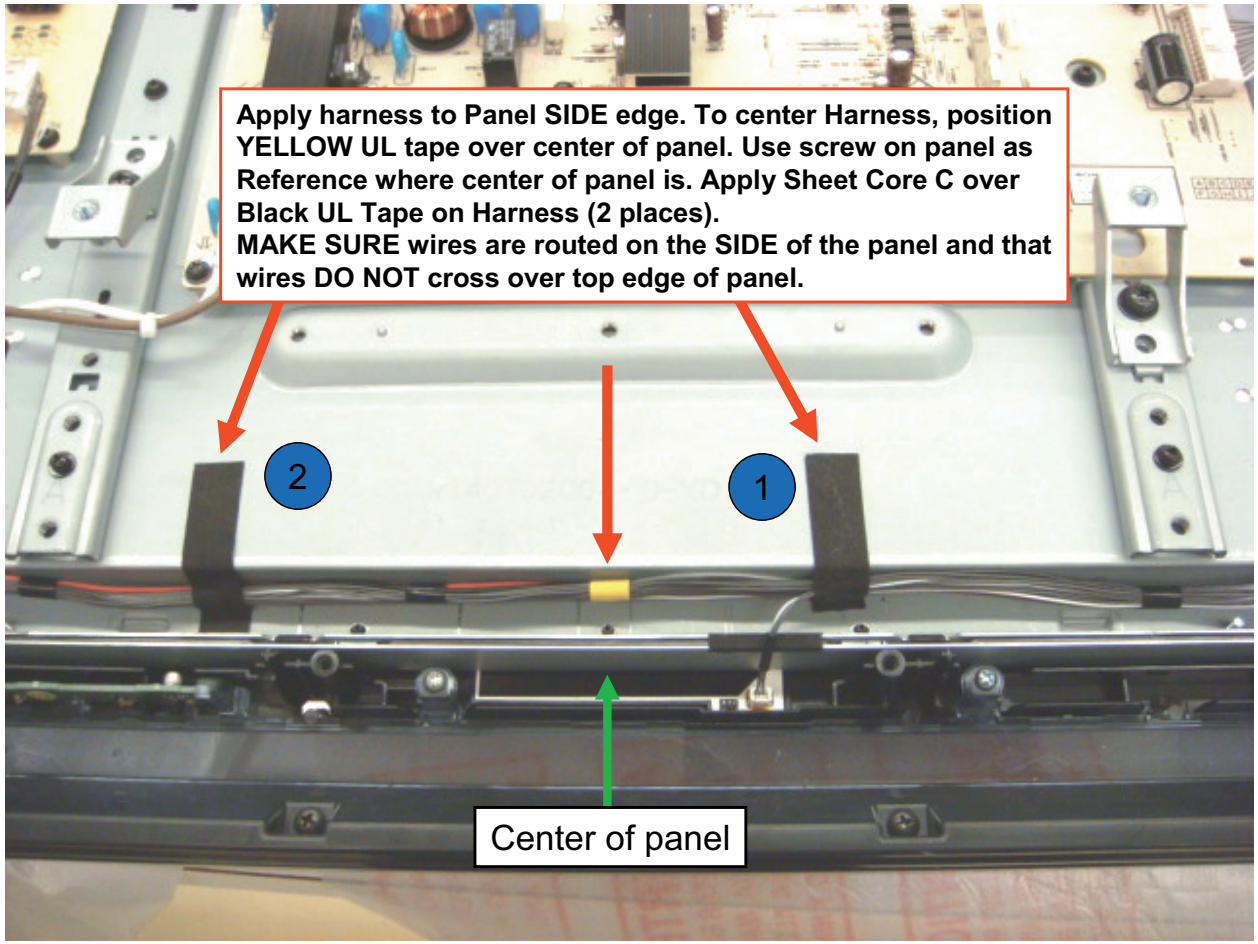

Apply harness to Panel SIDE edge. To center Harness, position YELLOW UL tape over center of panel. Use screw on panel as Reference where center of panel is.
Center of panel

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

H BOARD/SPEAKER HARNESS (CONTINUED)

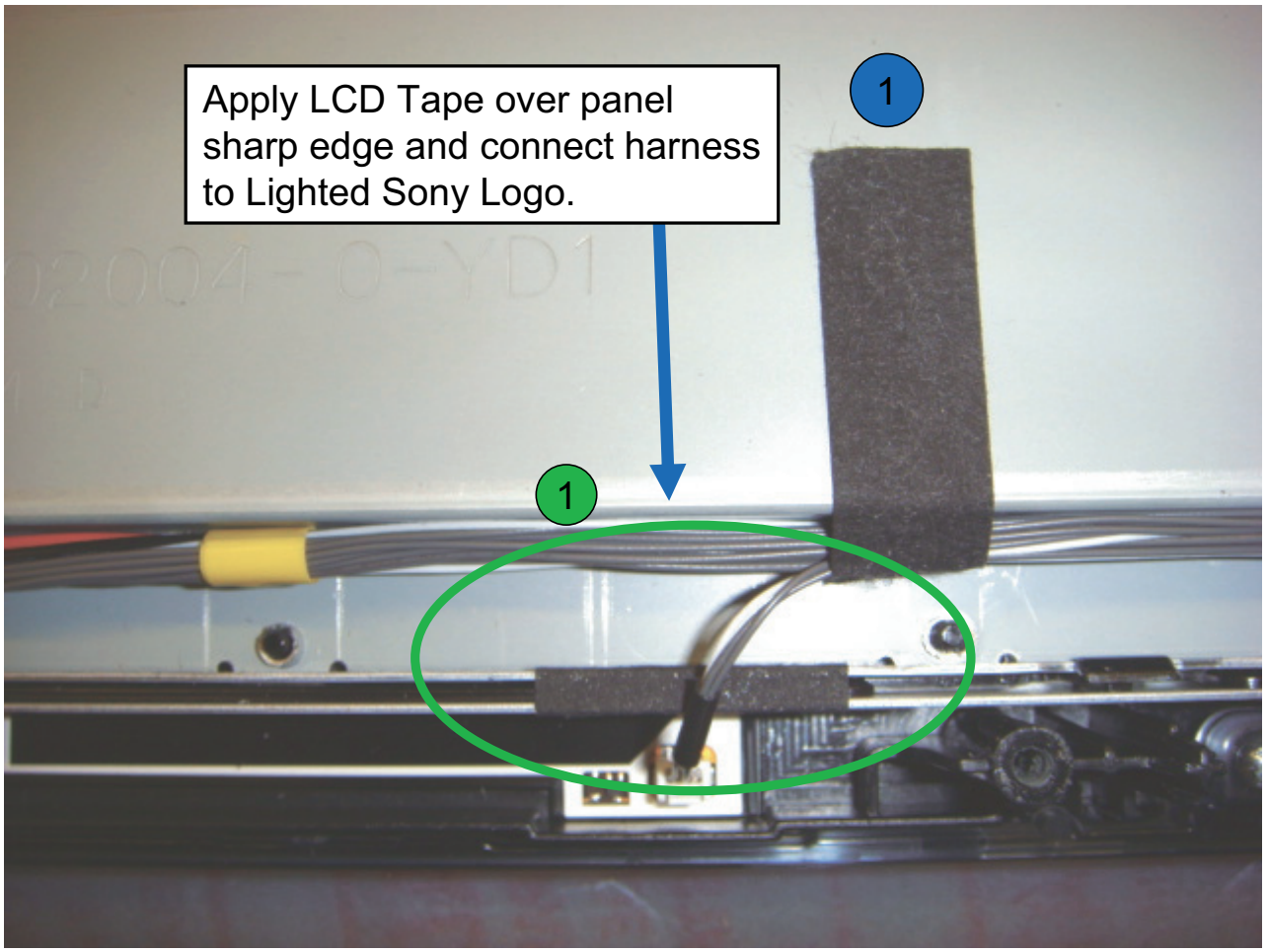

Apply harness to Panel SIDE edge. To center Harness, position YELLOW UL tape over center of panel. Use screw on panel as Reference where center of panel is. Apply Sheet Core C over Black UL Tape on Harness (2 places).
MAKE SURE wires are routed on the SIDE of the panel and that wires DO NOT cross over top edge of panel.
2
1
Center of panel

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

H BOARD/SPEAKER HARNESS: LIGHTED SONY LOGO

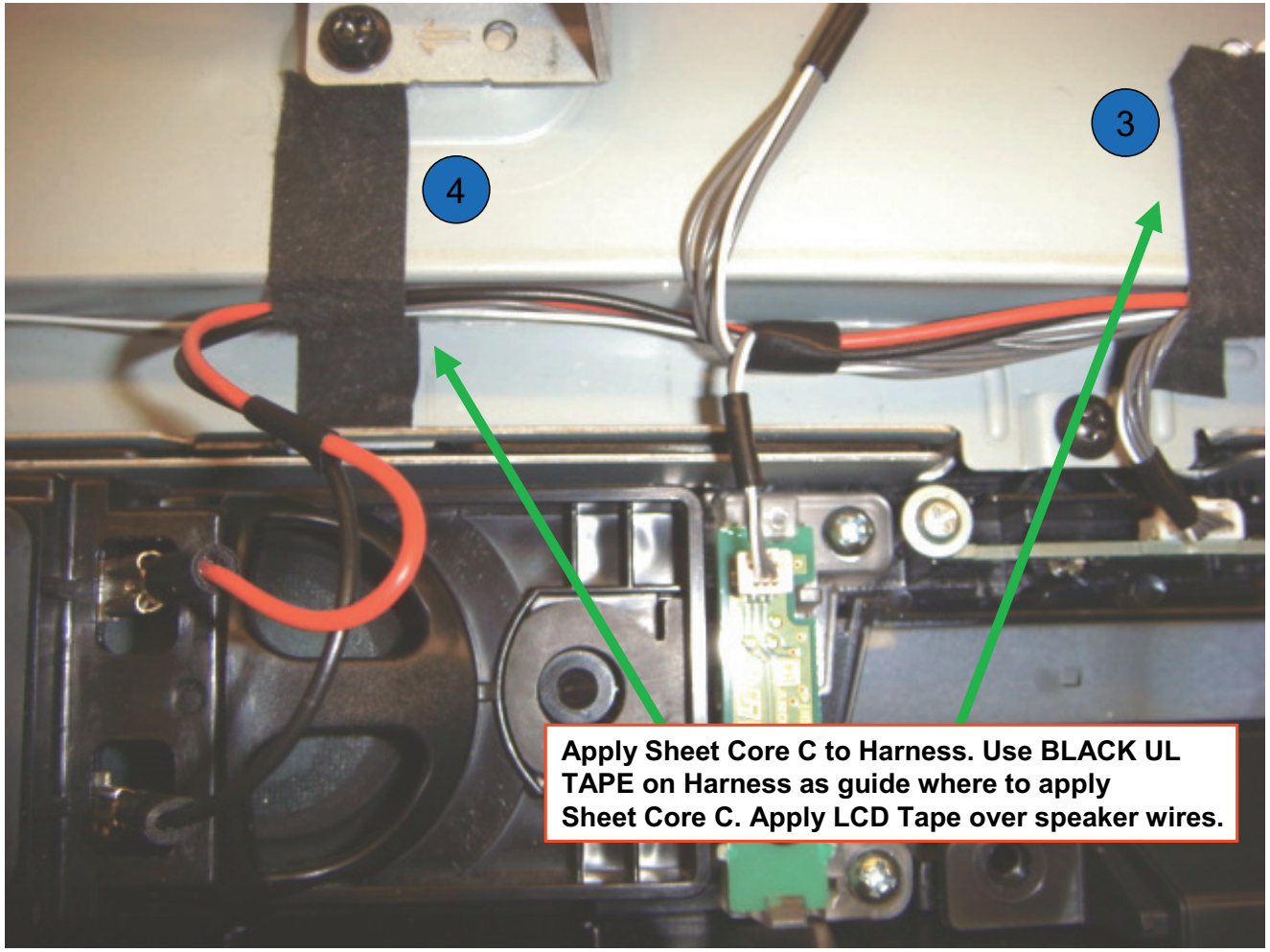


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

H BOARD/SPEAKER HARNESS

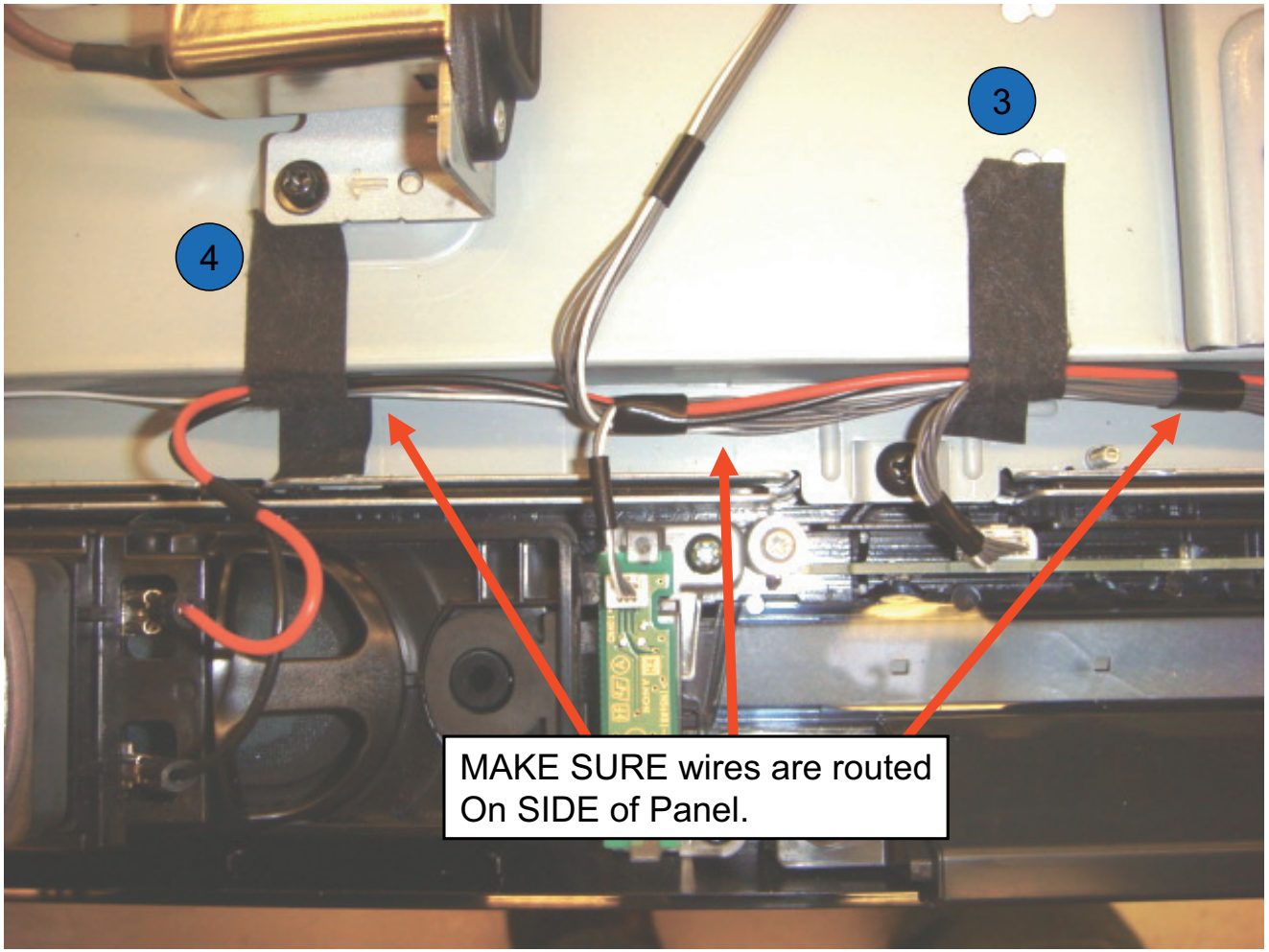

4
3
Apply Sheet Core C to Harness. Use BLACK UL TAPE on Harness as guide where to apply Sheet Core C. Apply LCD Tape over speaker wires.

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

COMBINATION H BOARD/SPEAKER HARNESS

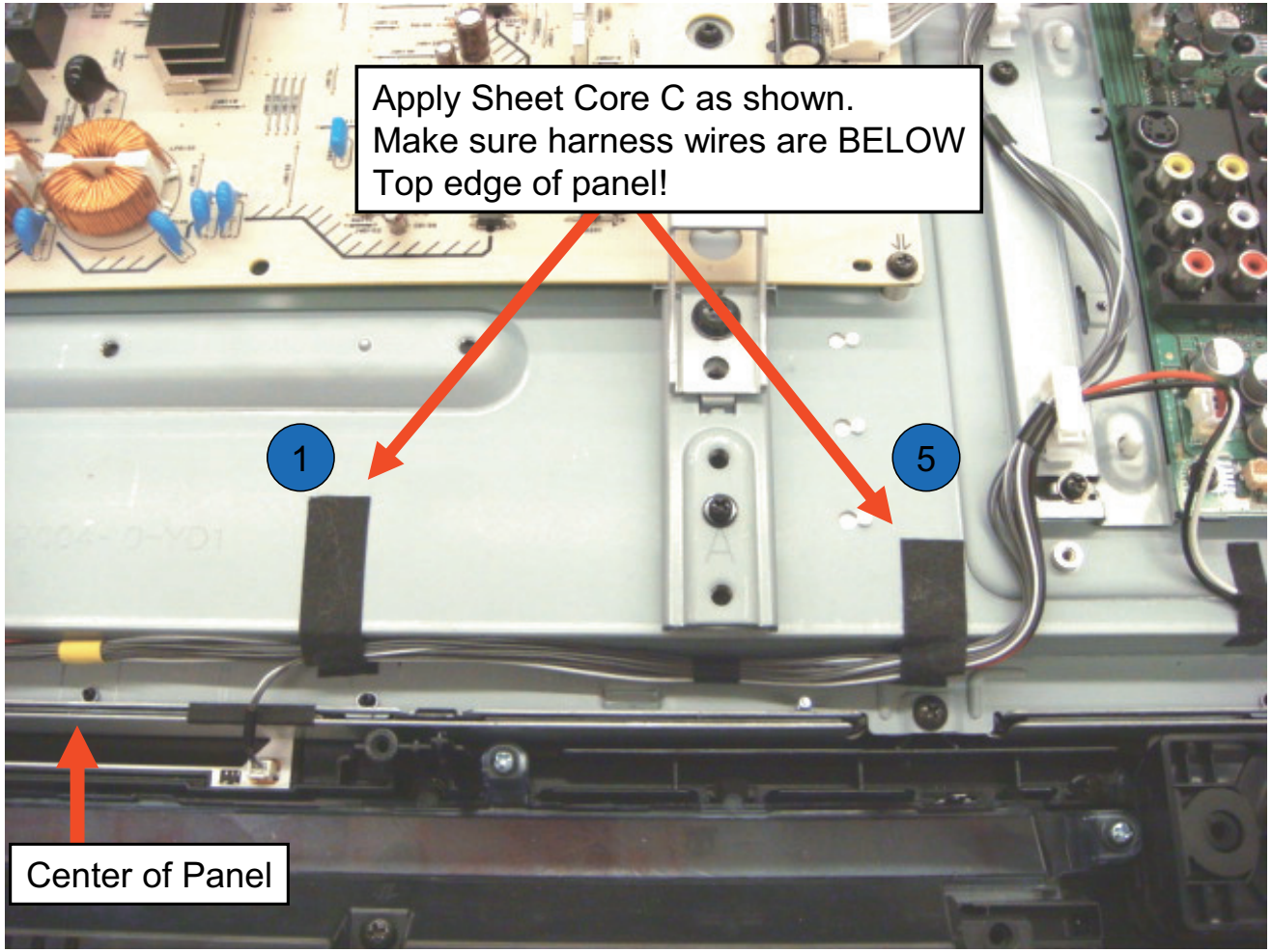


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

MAIN HARNESS ROUTING/DRESSING

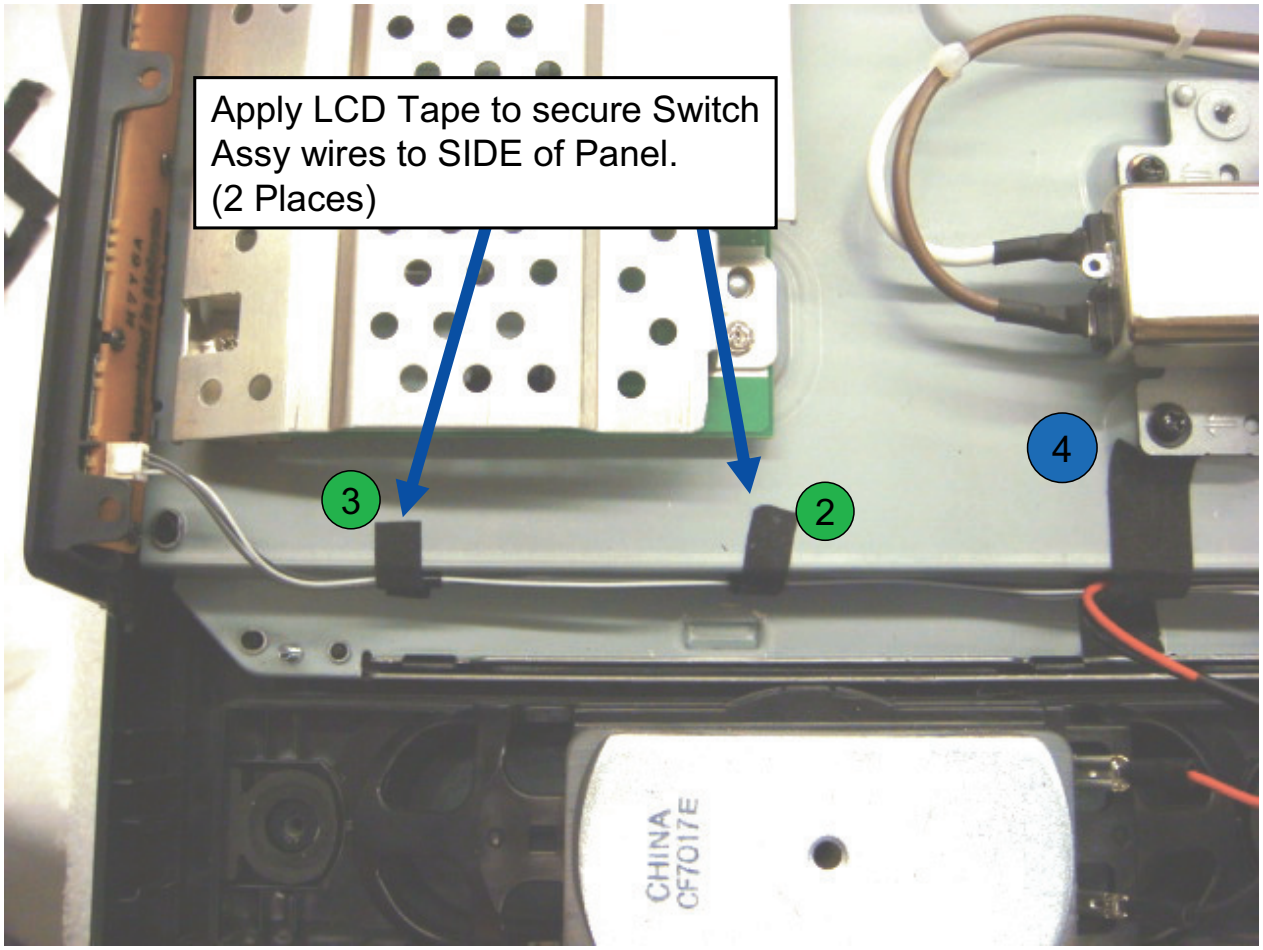


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

MAIN HARNESS ROUTING/DRESSING (CONTINUED)

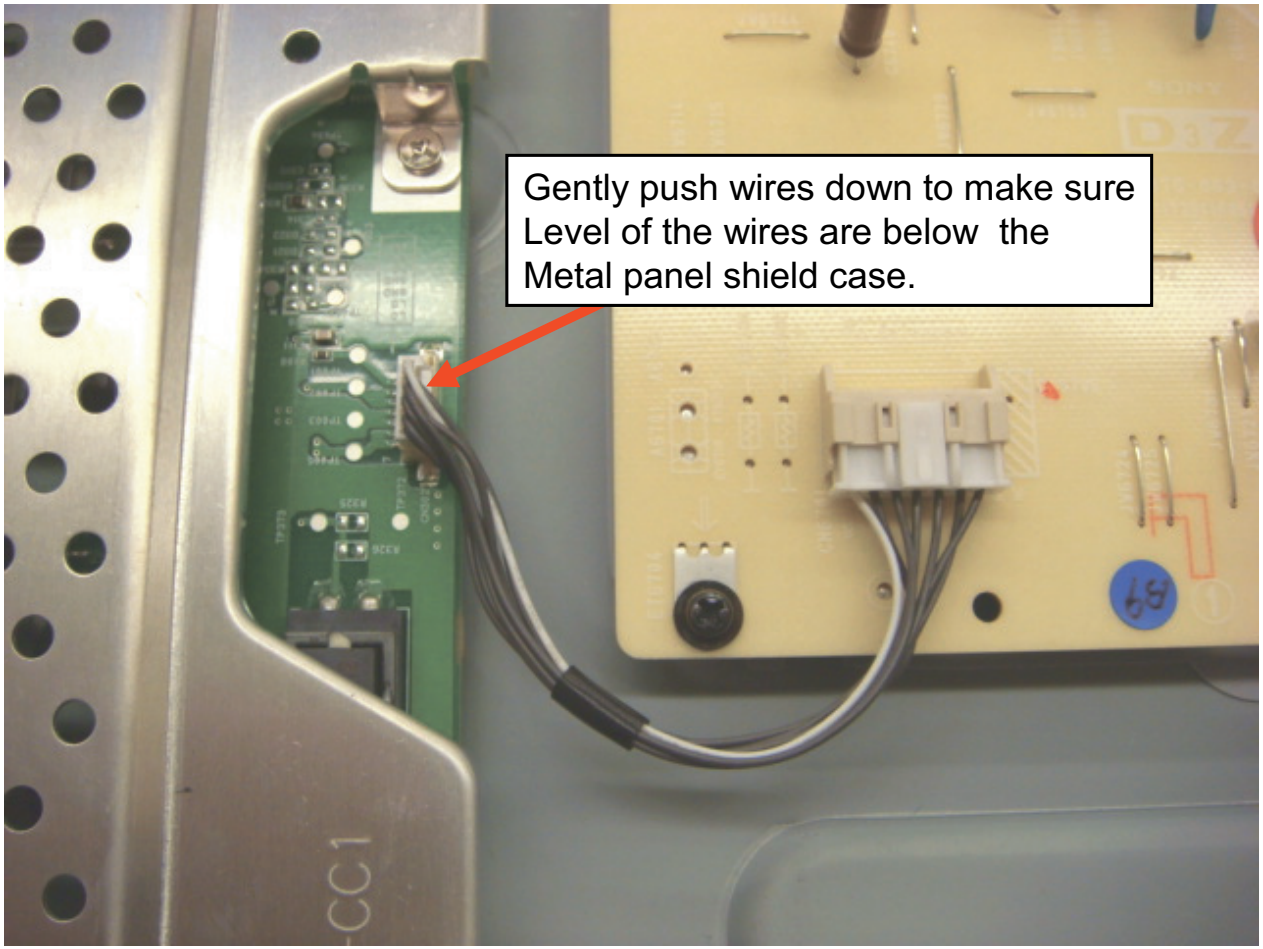


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

BALANCER BOARD CABLE ROUTING

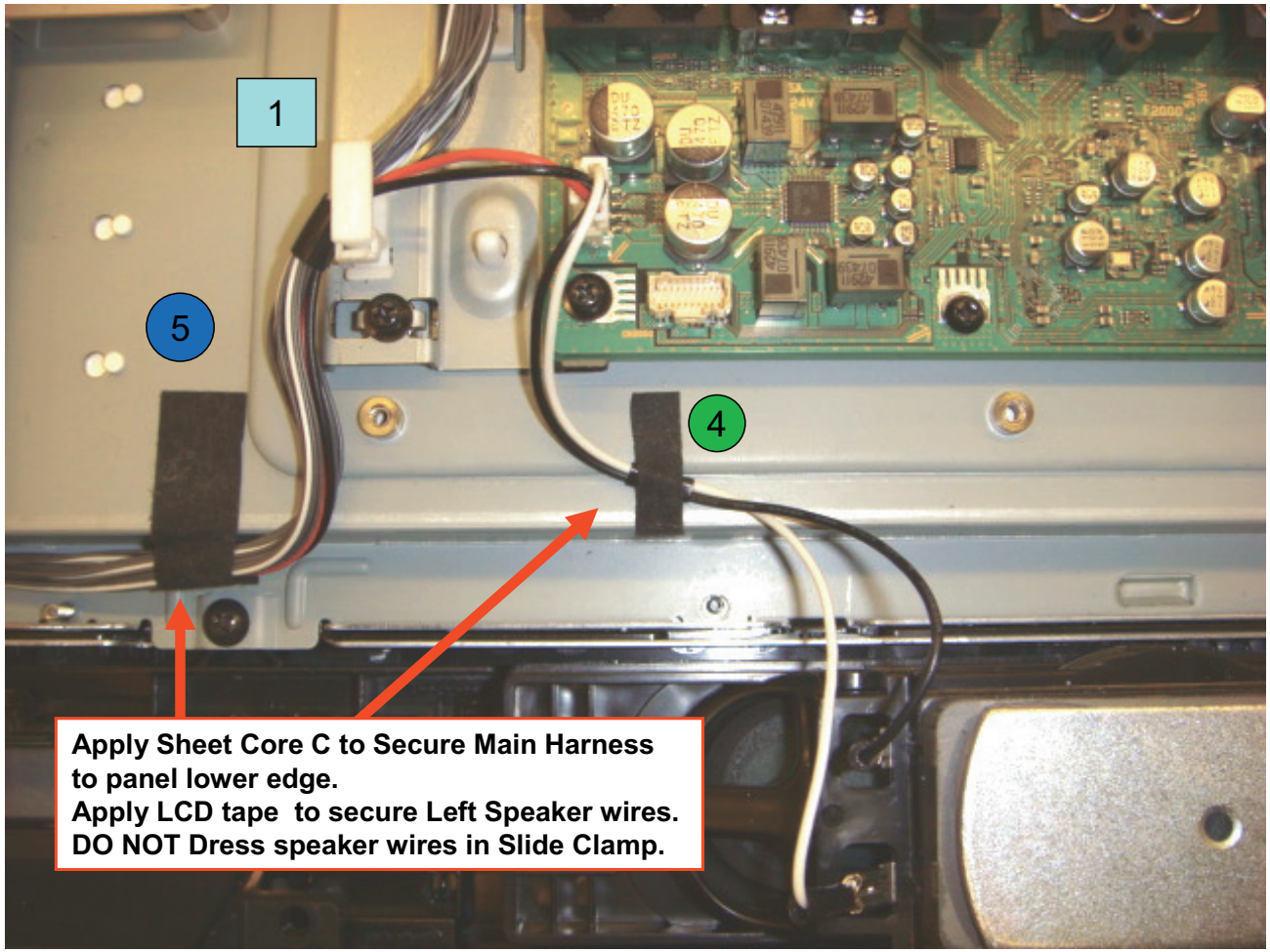


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

LEFT SPEAKER HARNESS DRESSING

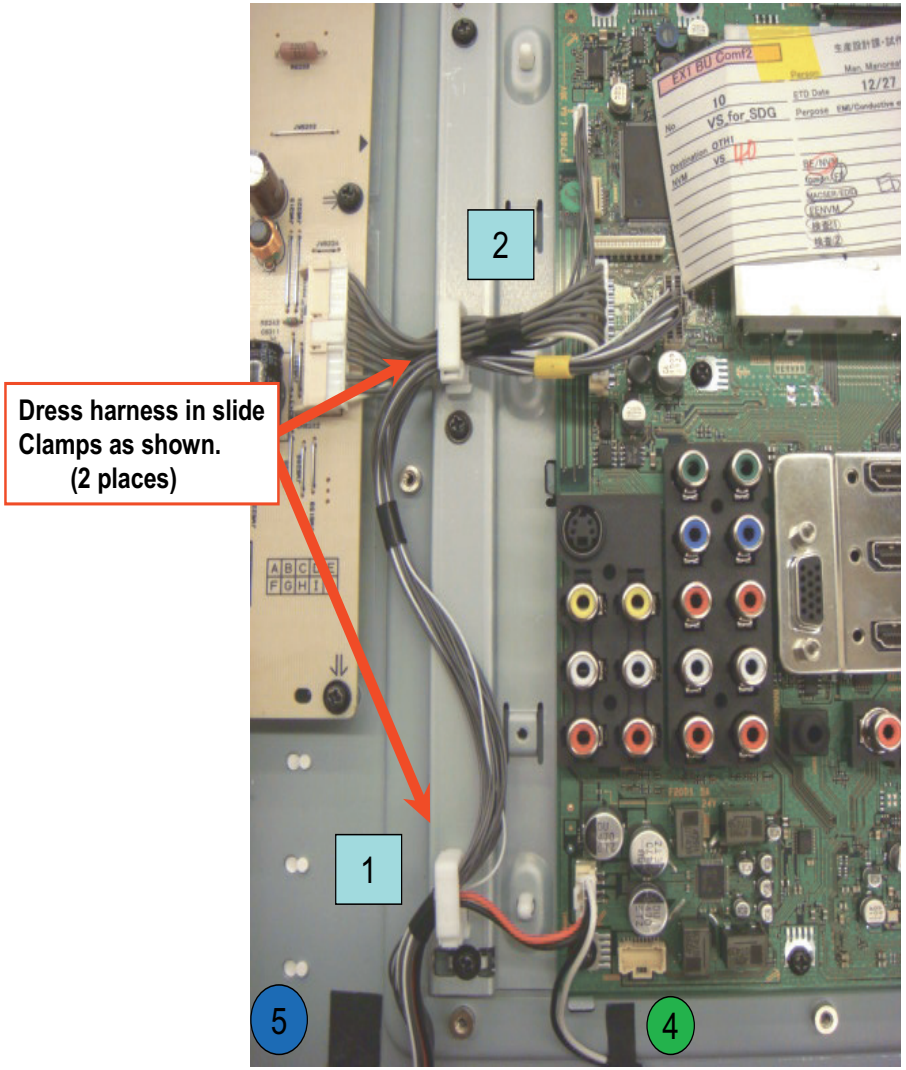

1
5
4
Apply Sheet Core C to Secure Main Harness
to panel lower edge.
Apply LCD tape to secure Left Speaker wires.
DO NOT Dress speaker wires in Slide Clamp.

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

BU BOARD WIRE ROUTING/DRESSING



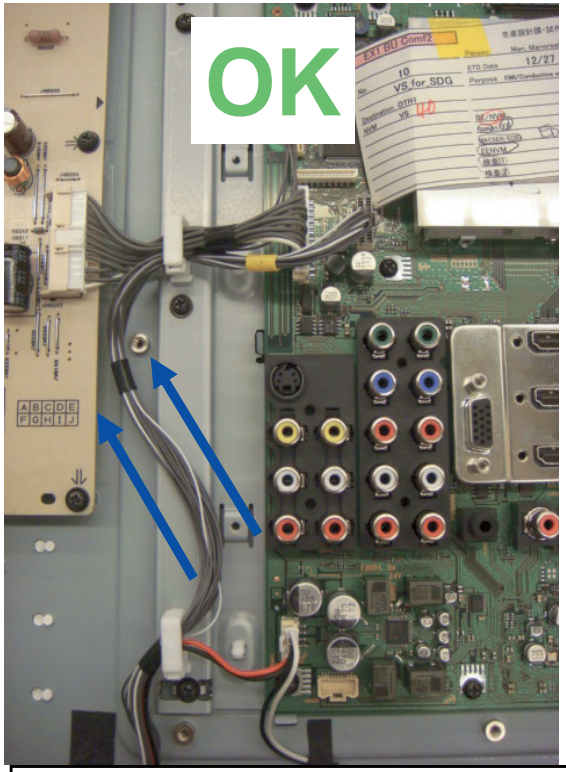
LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

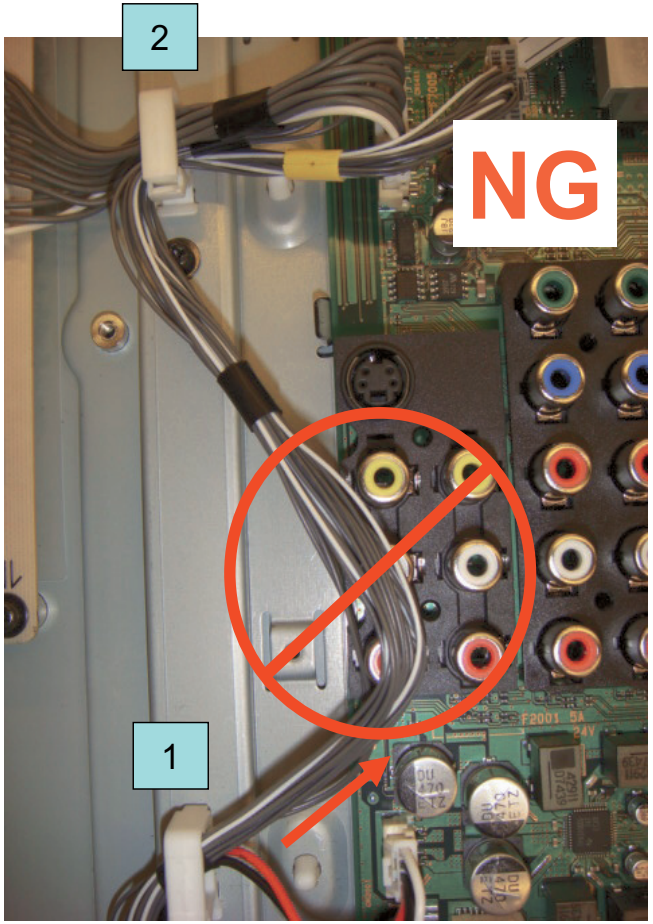
KDL-40Z4100/B & 40Z4100/S ONLY

MAIN HARNESS ROUTING

CAUTION



Make sure Main Harness wires do NOT cross over Terminal Jacks (Pinch Point with Rear Cover)

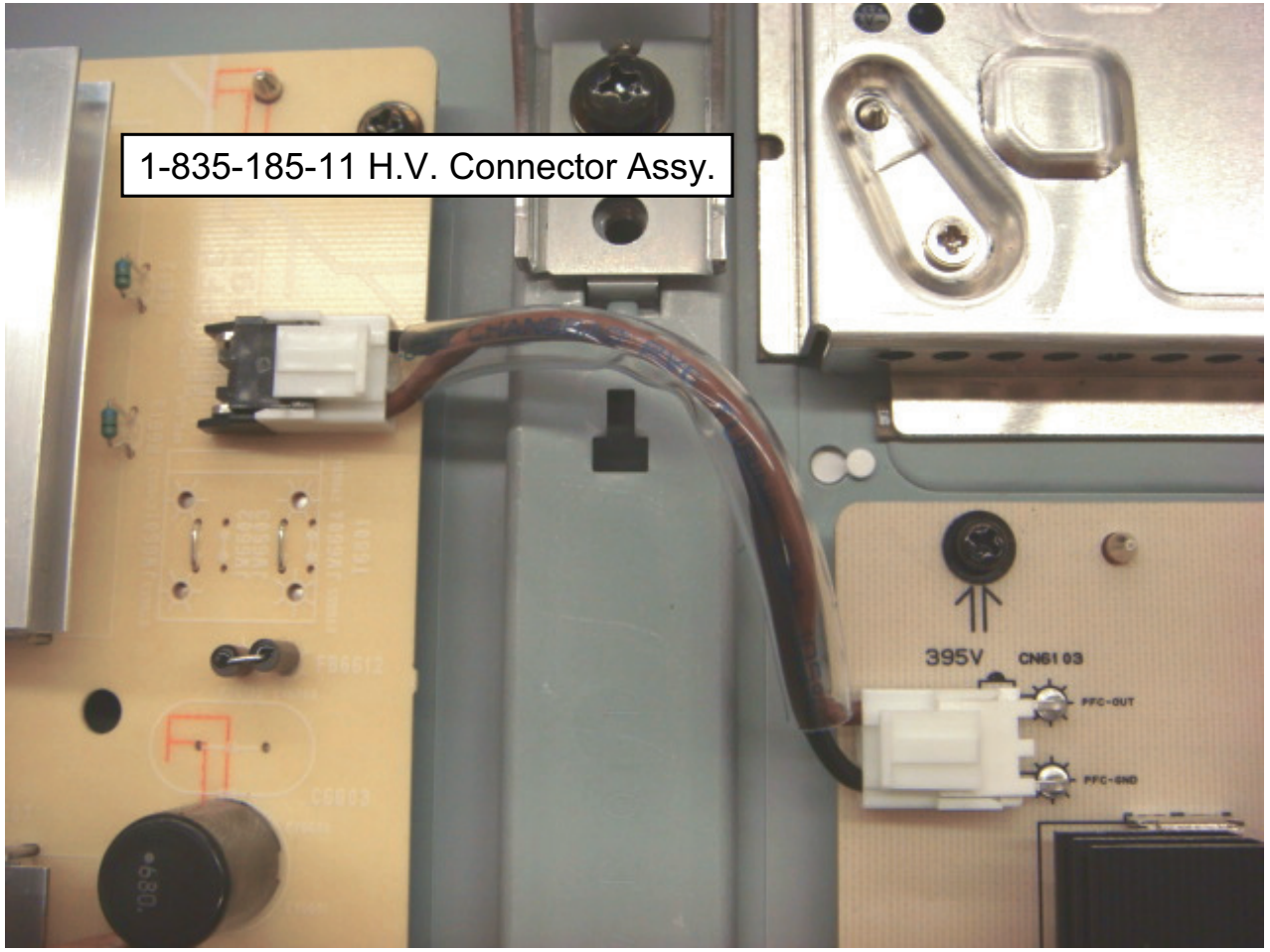


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

3P HIGH VOLTAGE CONN ASSY ROUTING



LEGEND

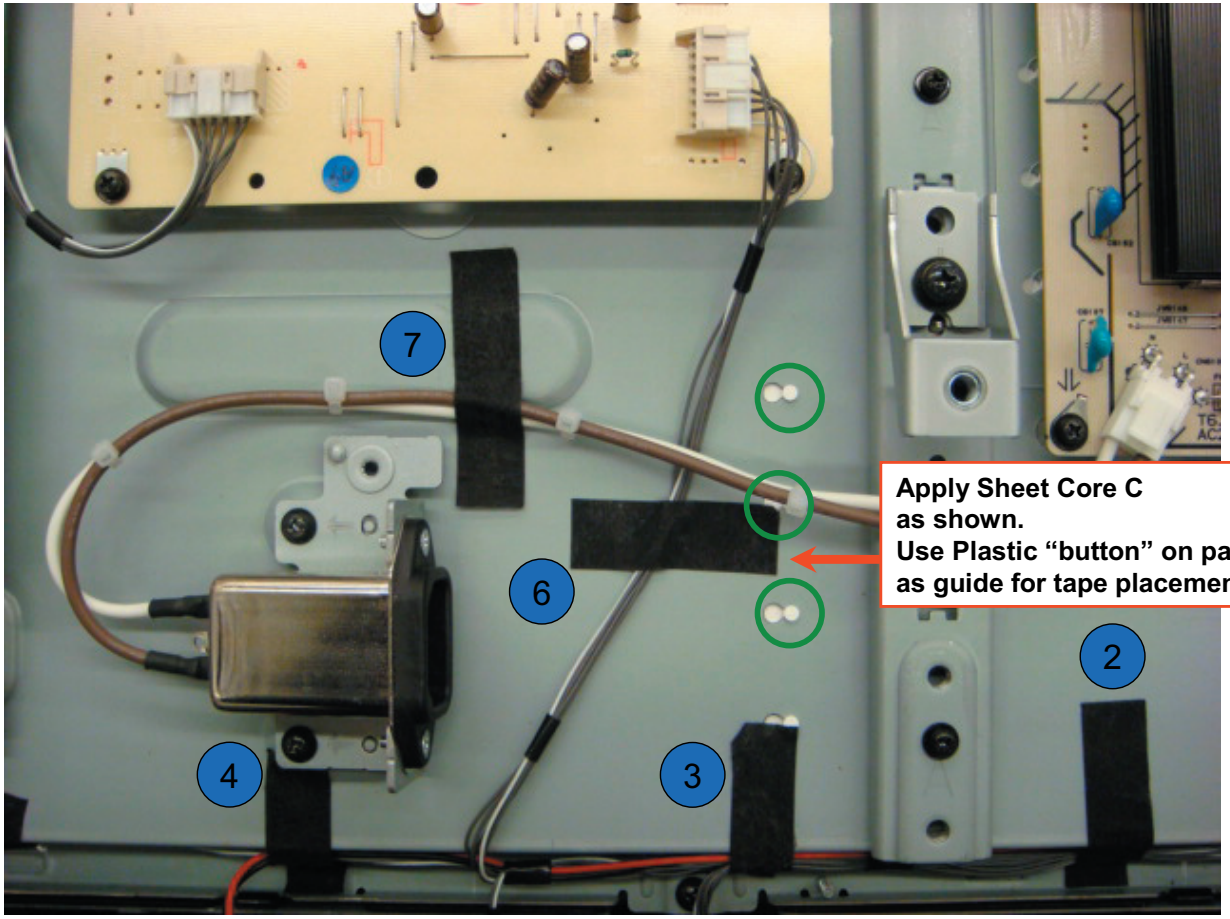
- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2

Cho-Fab TAPE (2-888-494-01) QTY=1

HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

MAIN HARNESS, D3Z HARNESS ROUTING AND DRESSING

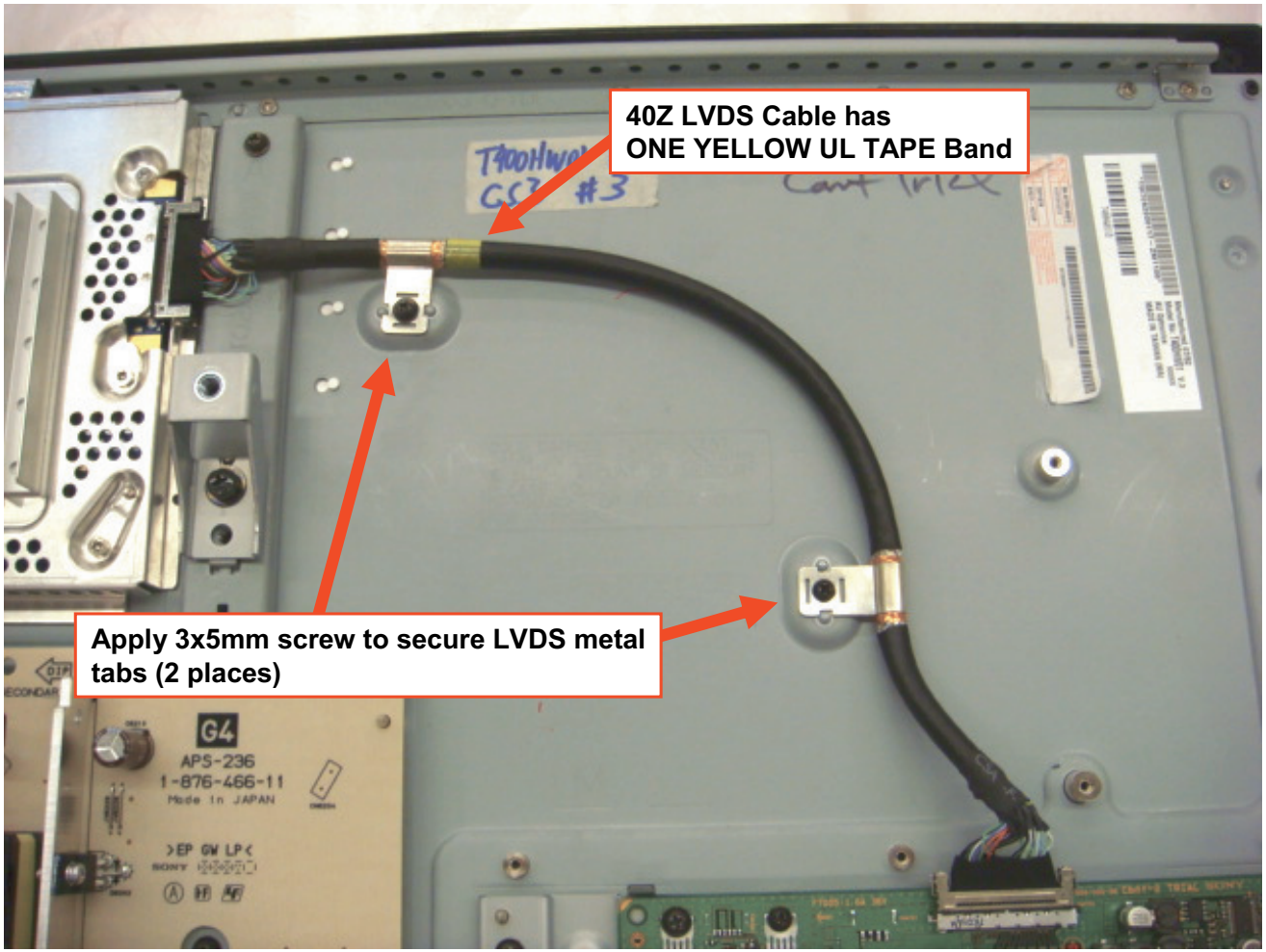


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

LVDS CABLE ROUTING



LEGEND

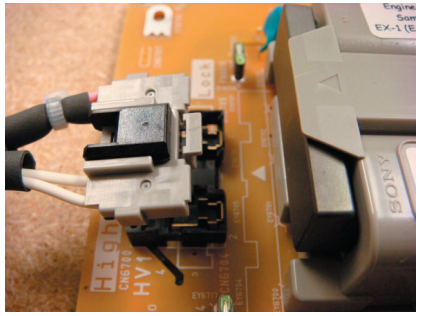
- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

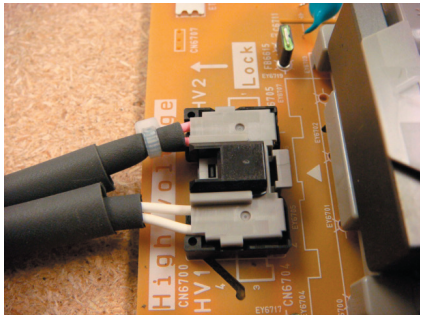
INSTALLATION PROCEDURE FOR MDF-61 CONNECTOR

LEGEND

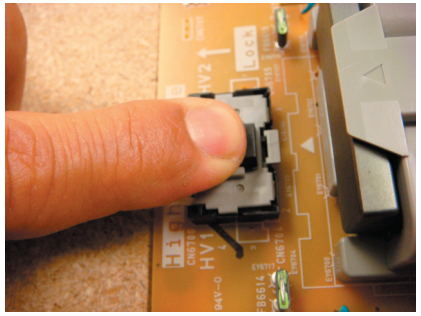
- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1



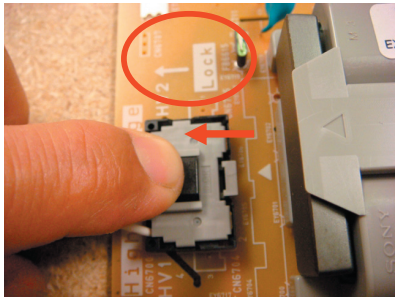
STEP1: ALIGN CONNECTOR



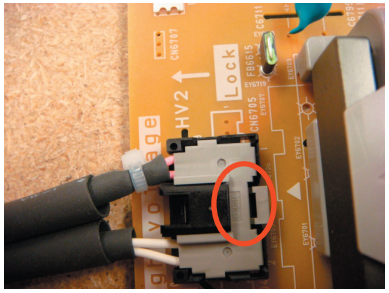
STEP2: INSTALL CONNECTOR



STEP3: PUSH DOWN ON BLACK LOCK TAB TO SEAT CONNECTOR. WHEN CONNECTOR IS SEATED IT WILL “CLICK” INTO PLACE.



STEP4: PULL LOCK BLACK LOCK TAB IN DIRECTION INDICATED ON PWB TO LOCK CONNECTOR.



“HRS” LOGO WILL BE VISIBLE WHEN CONNECTOR IS PROPERLY LOCKED.

KDL-40Z4100/B & 40Z4100/S ONLY

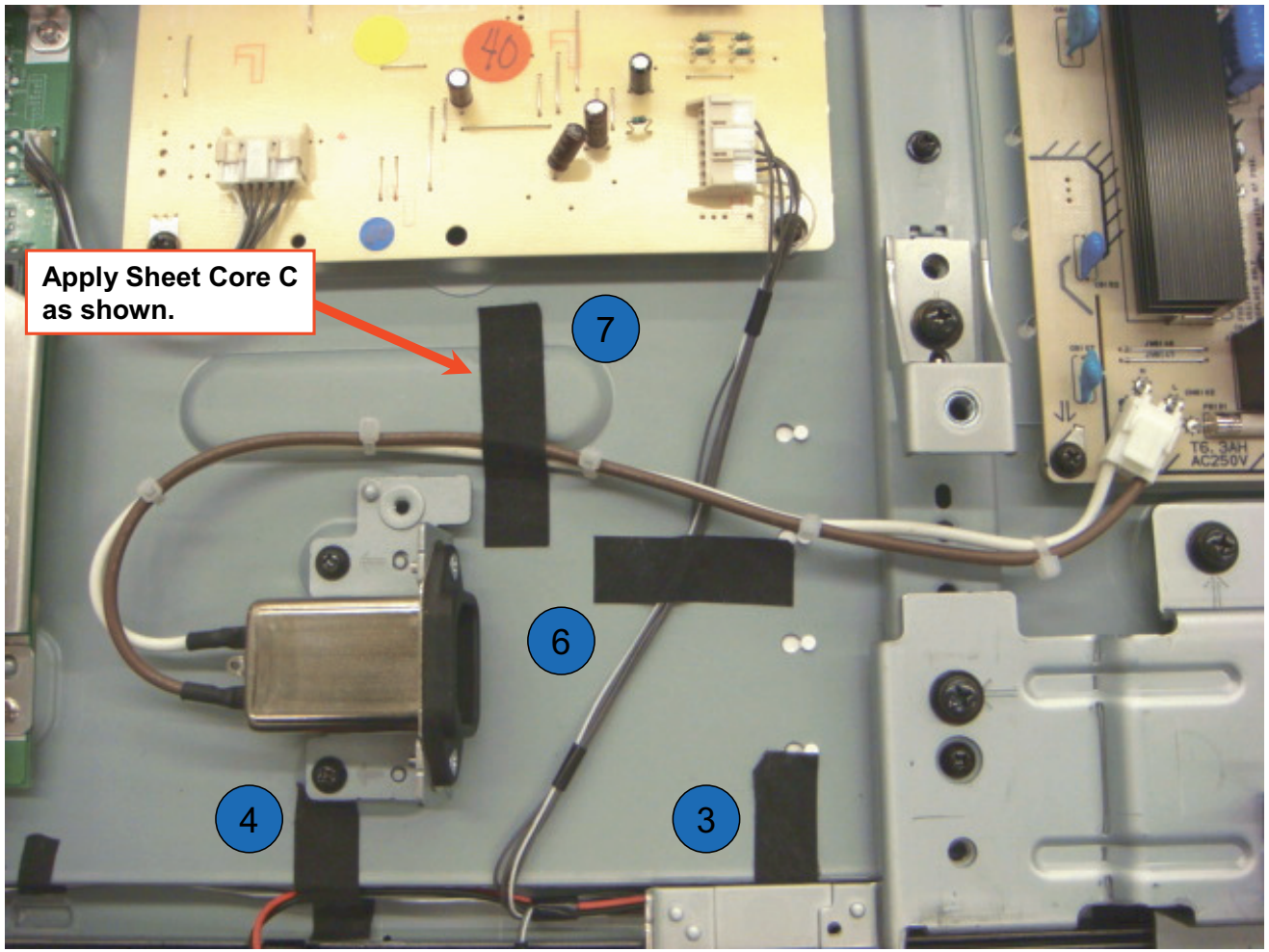
HIGH VOLTAGE MDF-61 WIRE ROUTING

LEGEND
- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

MDF- 61 (NEW) CONNECTOR
1-835-433-11; 100mm LENGTH
Installation:
1. **Align connector in header**
2. **Push Black Button on top of Conn.**
3. **Confirm Conn. “snaps” in firmly.**
4. **Slide BLACK locking latch in direction printed on the PWB silk (circled RED in photo)**

KDL-40Z4100/B & 40Z4100/S ONLY

2P AC INLET



LEGEND

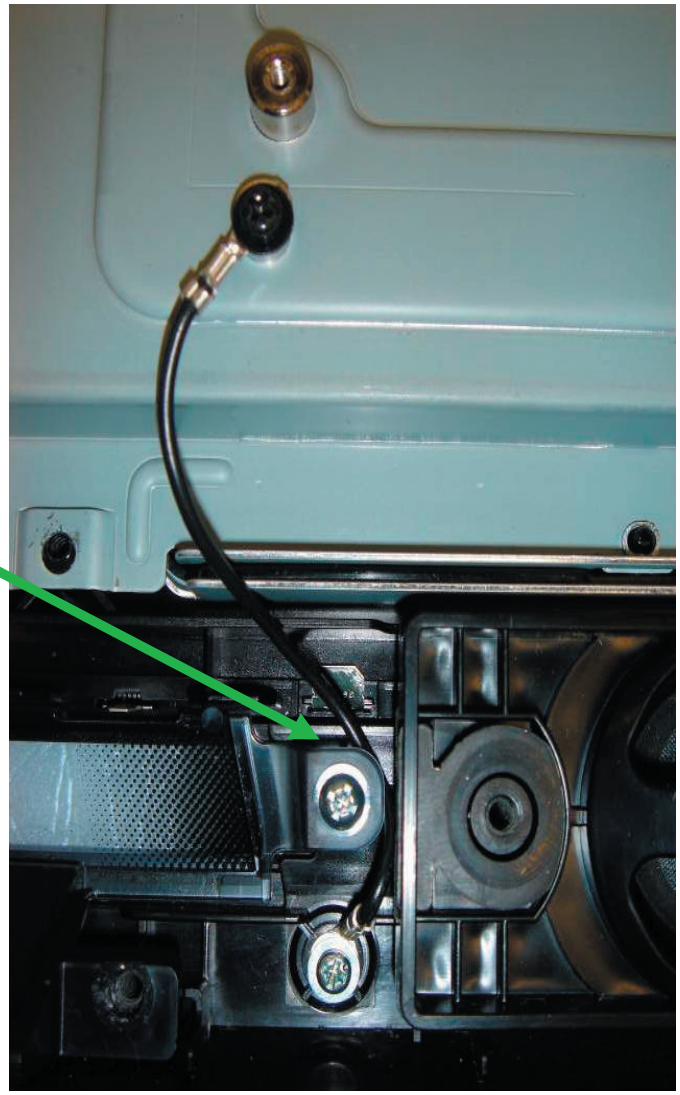
- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-40Z4100/B & 40Z4100/S ONLY

BEZEL GROUNDING WIRE (ALUMINUM BEZEL ONLY)

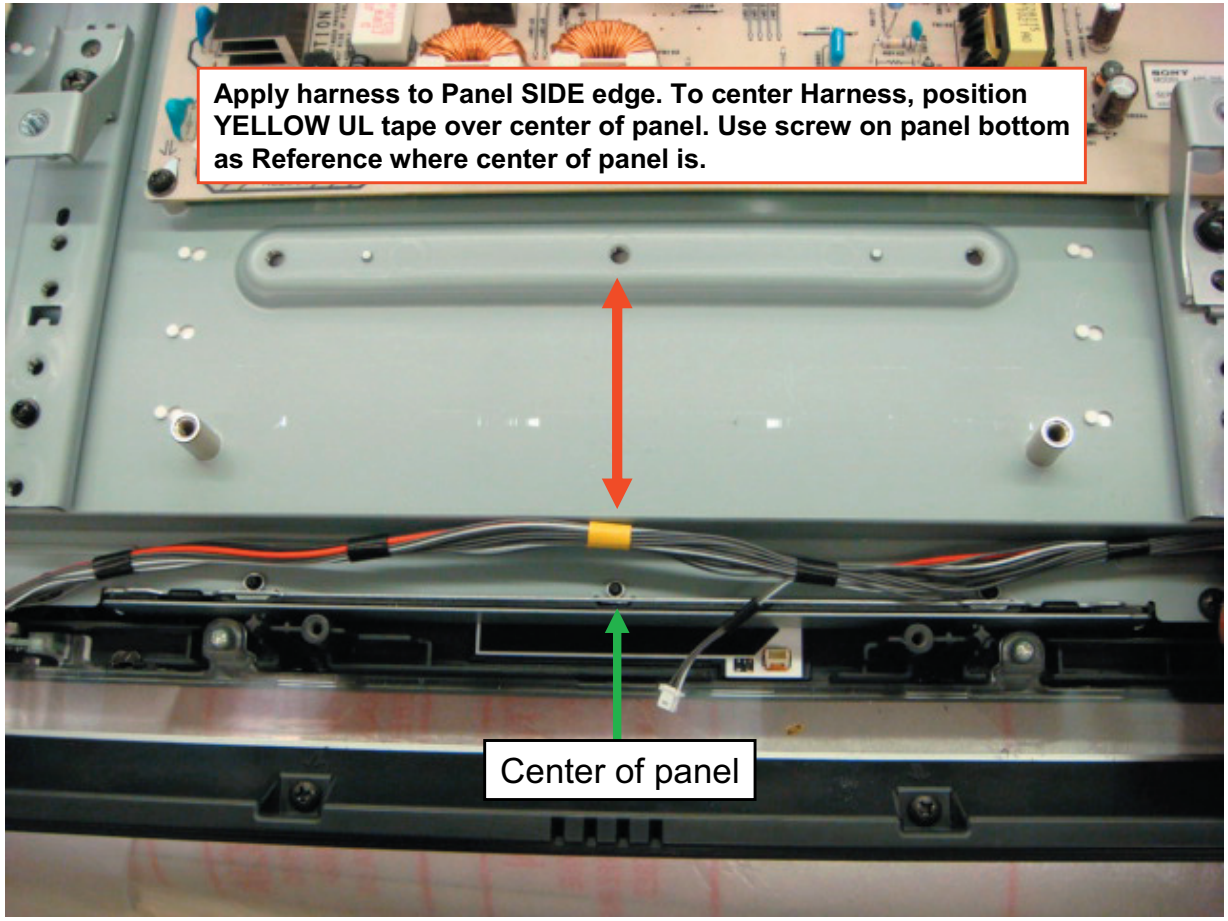
LEGEND
- SHEET CORE C (2-688-011-01 or equivl.) QTY=7
- LCD TAPE (2-688-062-01 or equivl.) QTY=4
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

Route ground wire UNDER the clear panel screw tab.



KDL-46Z4100/B & 46Z4100/S ONLY

H BOARD/SPEAKER HARNESS

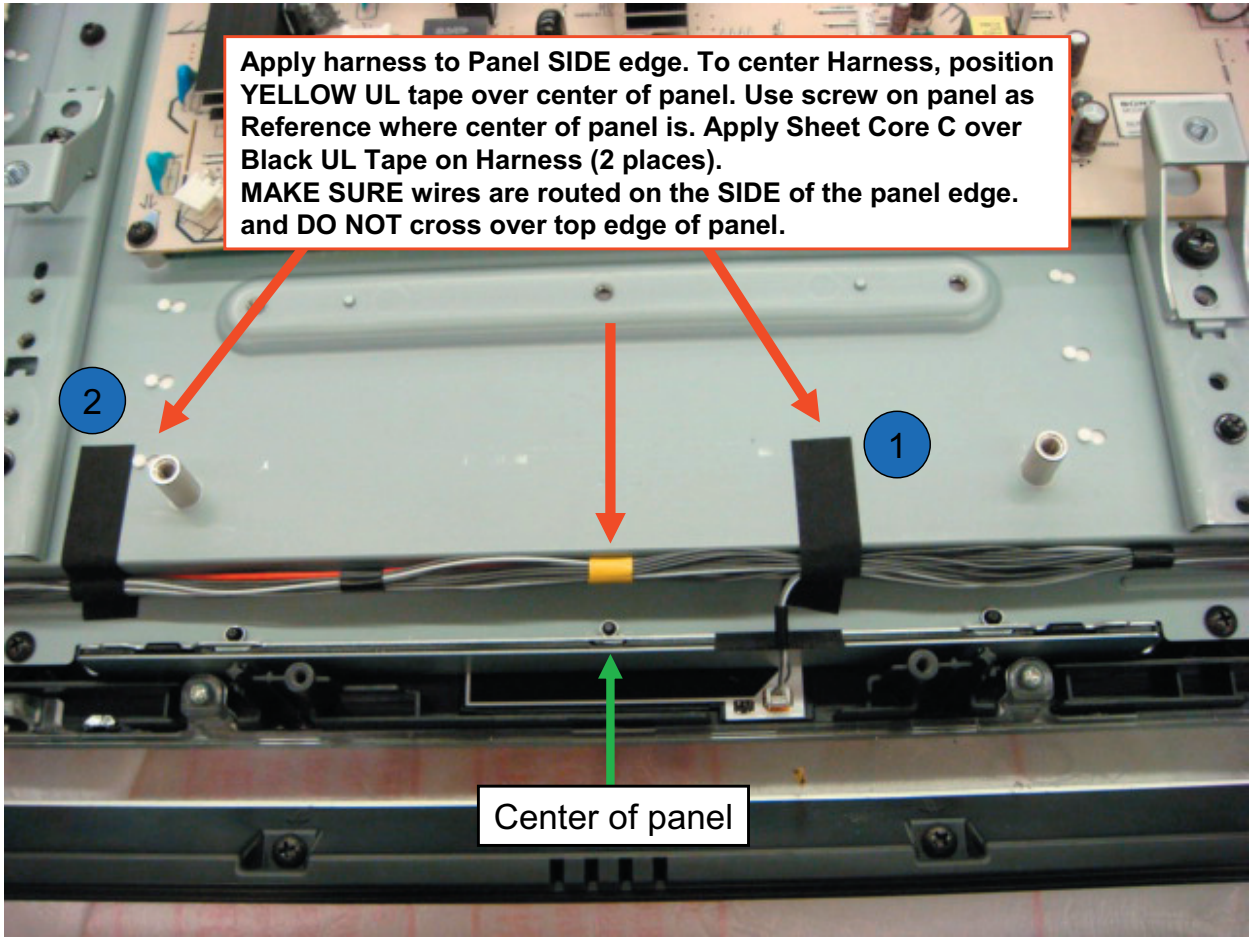

Apply harness to Panel SIDE edge. To center Harness, position YELLOW UL tape over center of panel. Use screw on panel bottom as Reference where center of panel is.
Center of panel

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

H BOARD/SPEAKER HARNESS (CONTINUED)

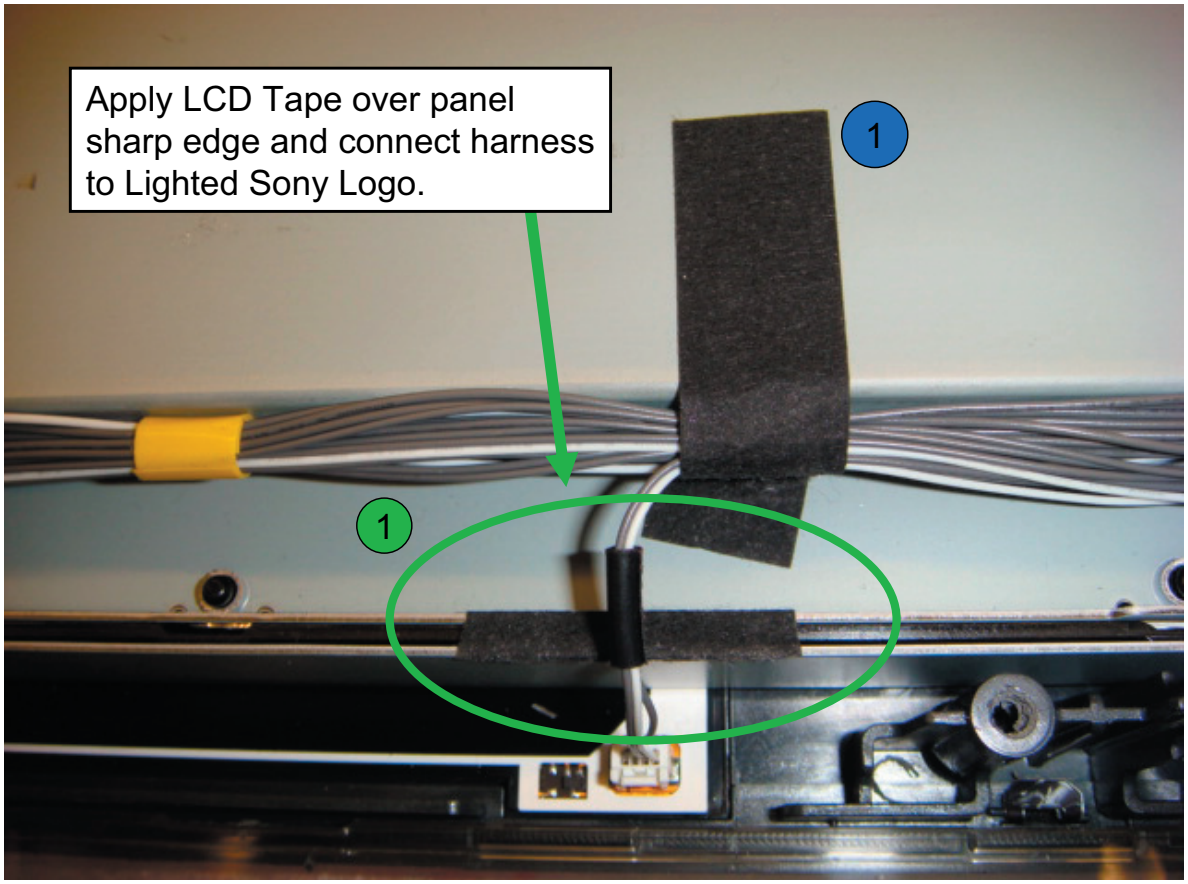

Apply harness to Panel SIDE edge. To center Harness, position YELLOW UL tape over center of panel. Use screw on panel as Reference where center of panel is. Apply Sheet Core C over Black UL Tape on Harness (2 places).
MAKE SURE wires are routed on the SIDE of the panel edge. and DO NOT cross over top edge of panel.
2
1
Center of panel

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

H BOARD/SPEAKER HARNESS: LIGHTED SONY LOGO

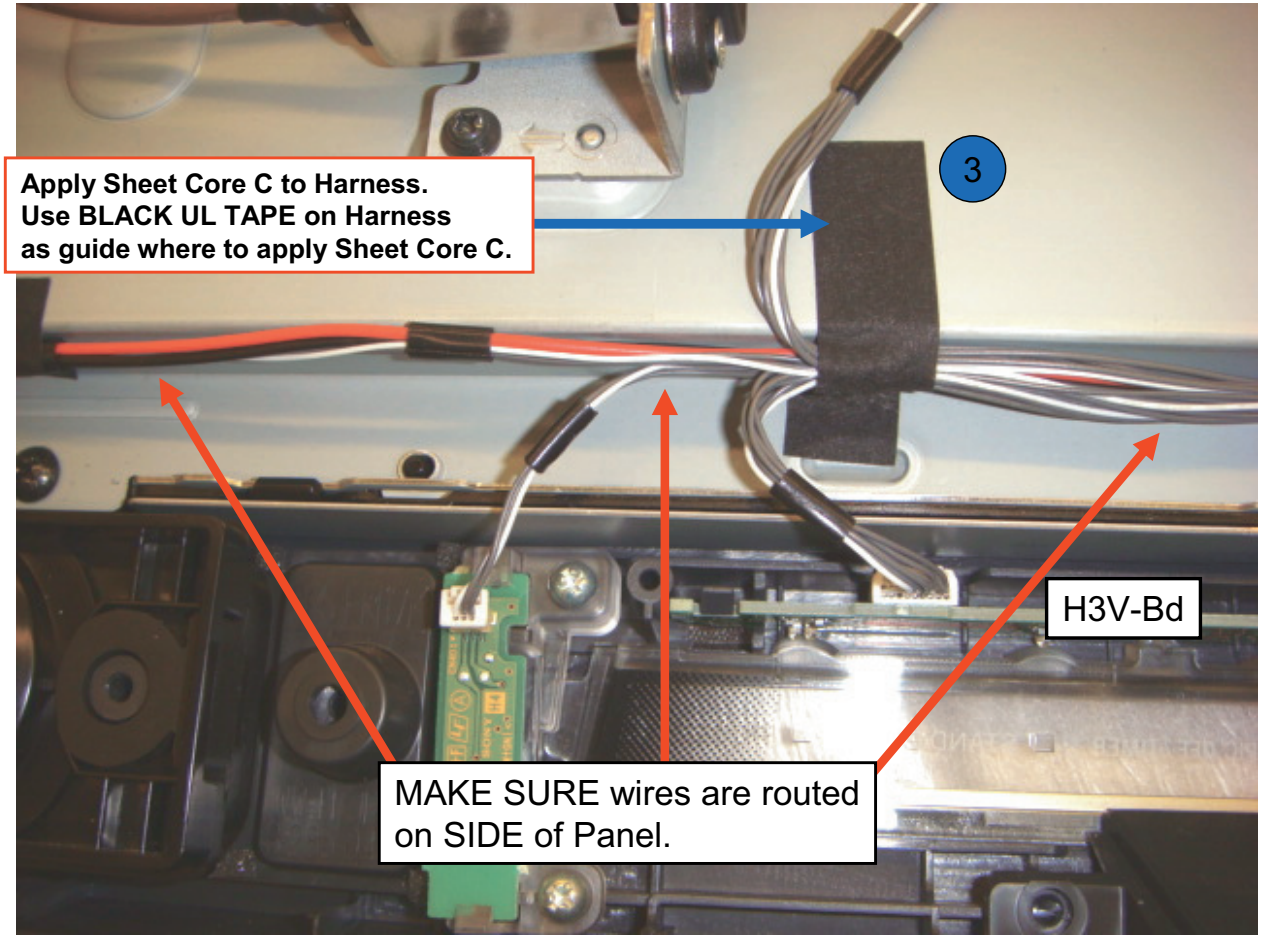


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

COMBINATION H BOARD/SPEAKER HARNESS

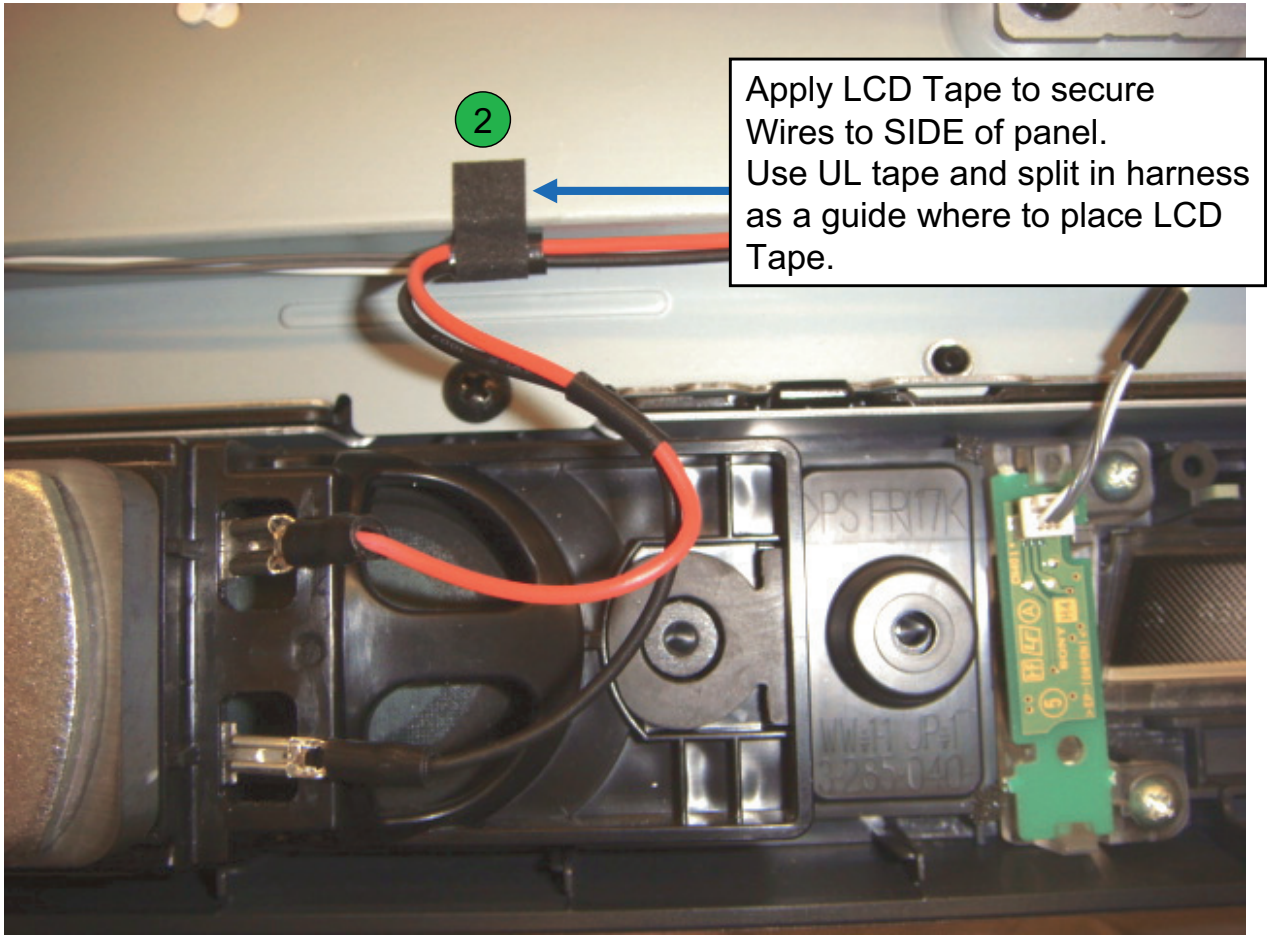

Apply Sheet Core C to Harness.
Use BLACK UL TAPE on Harness
as guide where to apply Sheet Core C.
3
H3V-Bd
MAKE SURE wires are routed
on SIDE of Panel.

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

COMBINATION H BOARD/SPEAKER HARNESS: H3 BOARD ROUTING

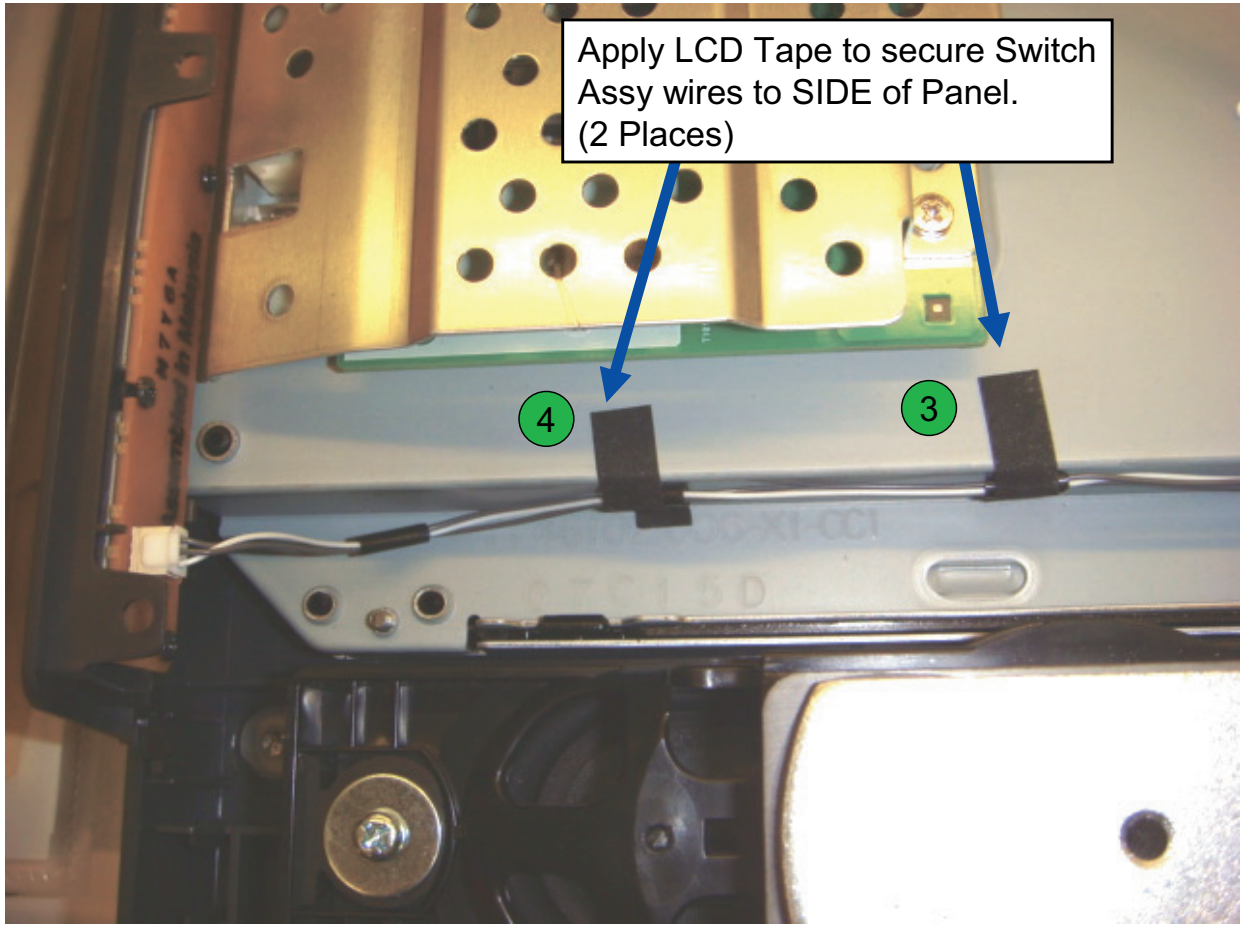


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

MAIN HARNESS ROUTING/DRESSING

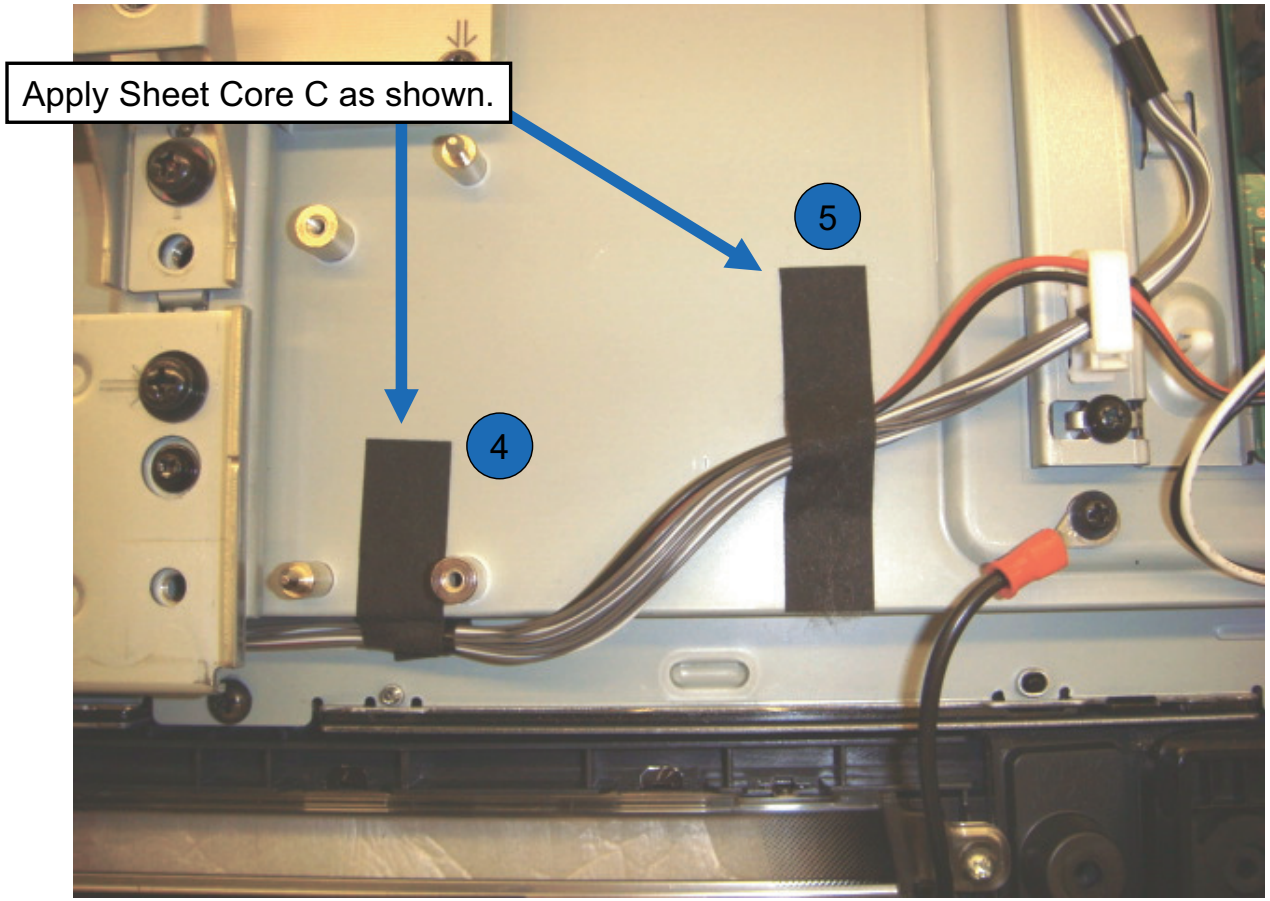


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

MAIN HARNESS ROUTING/DRESSING (CONTINUED)



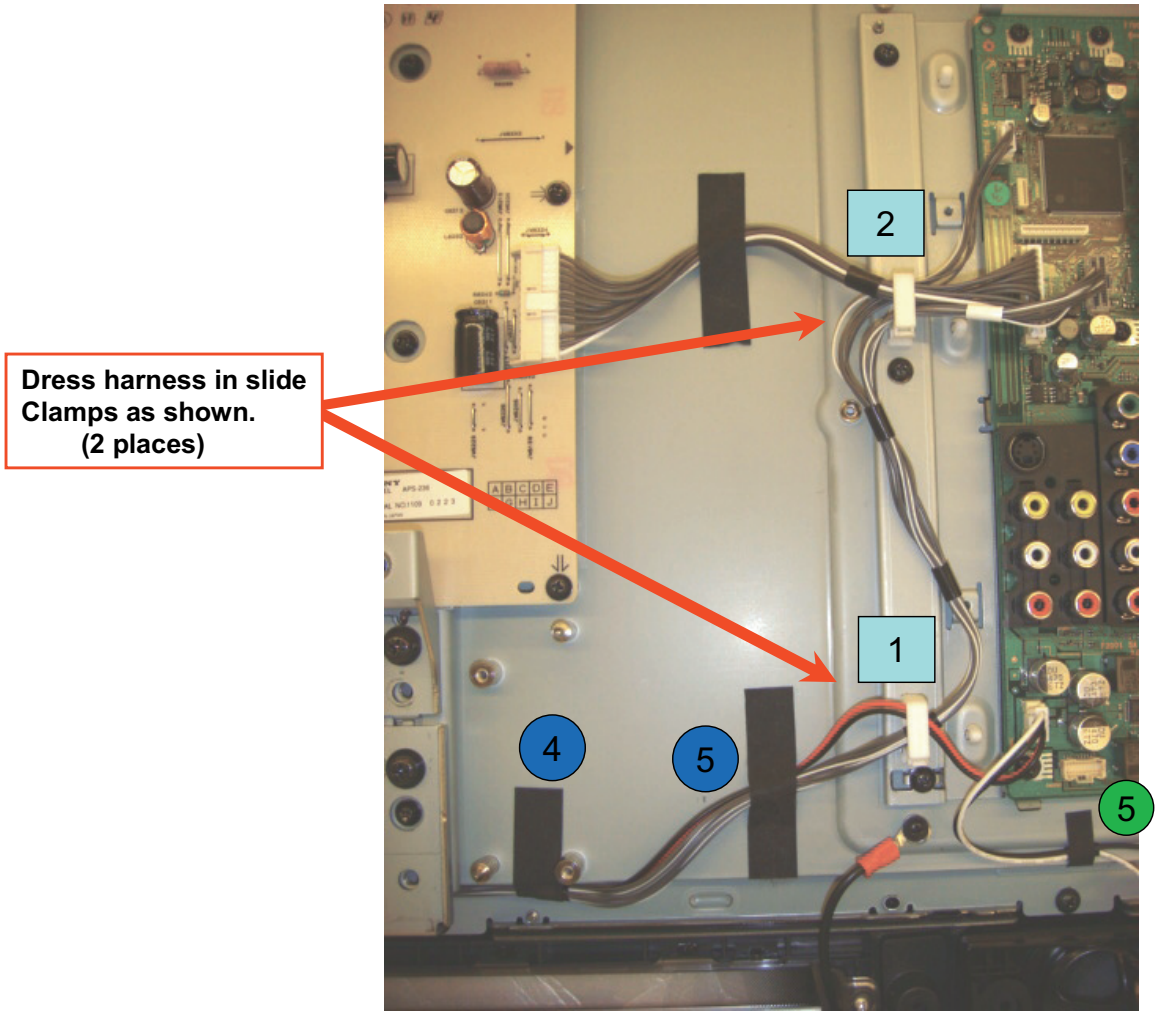
LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

BU BOARD WIRE ROUTING AND DRESSING

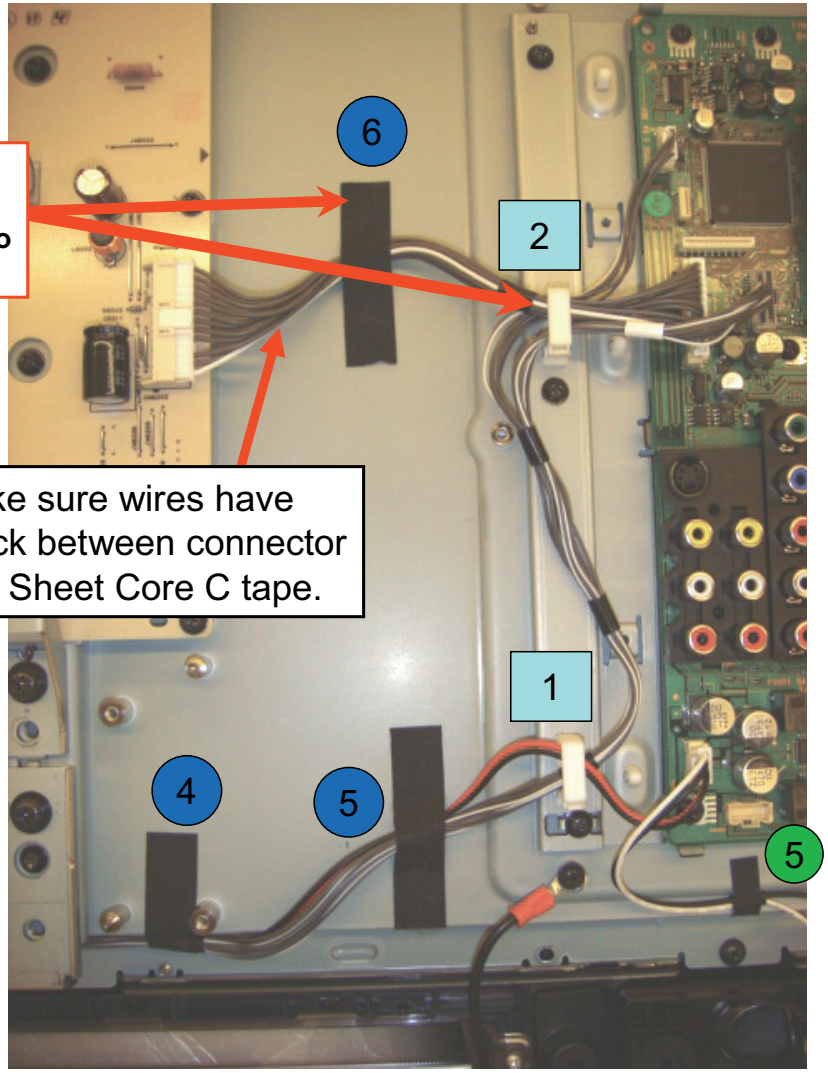
LEGEND
- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1



KDL-46Z4100/B & 46Z4100/S ONLY

13P HARNESS DRESSING

Dress 13P Conn Assy in Slide Clamp as shown. Apply Sheet Core C Tape to Cable as shown.



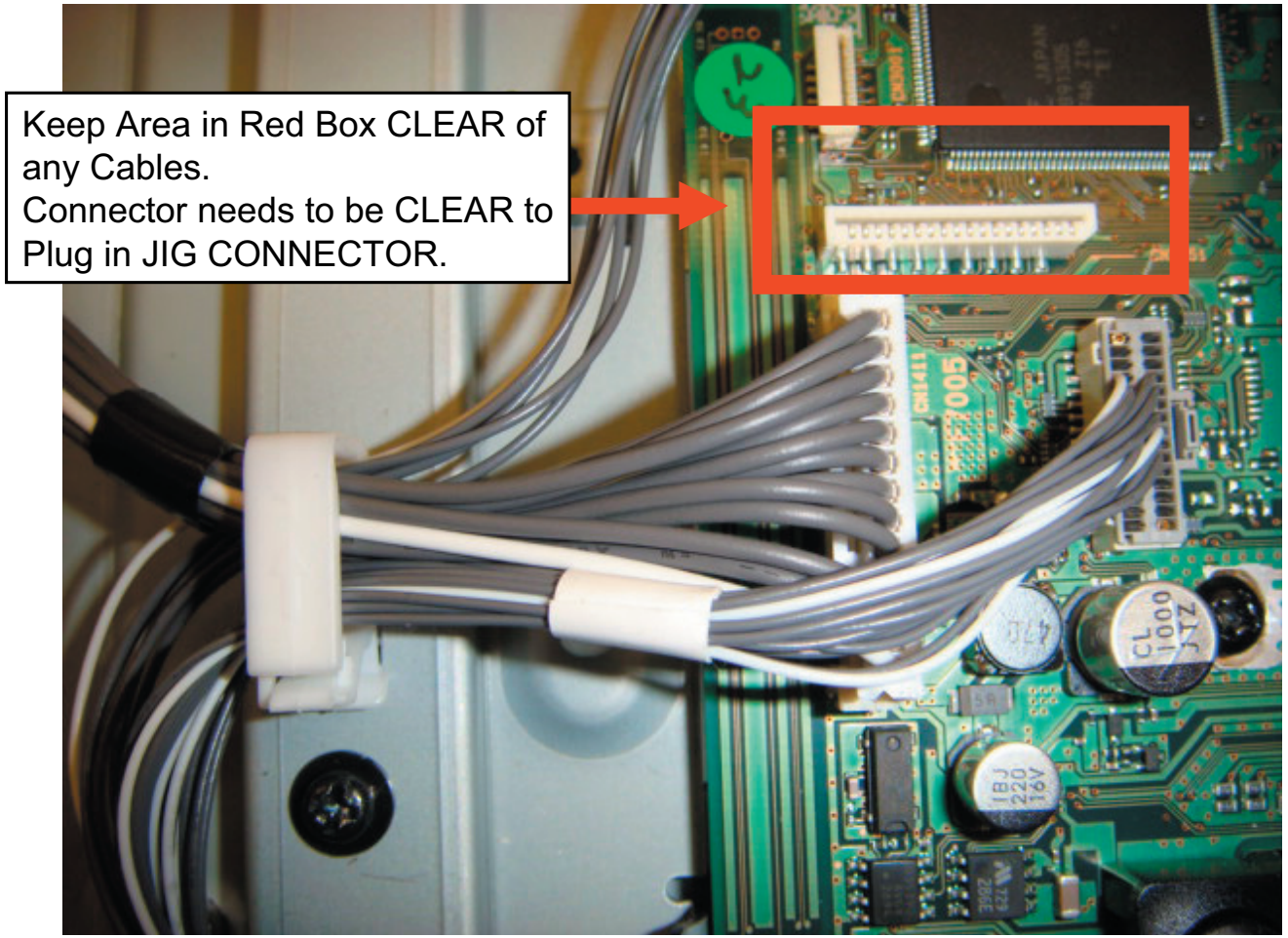
Make sure wires have Slack between connector and Sheet Core C tape.

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

BU BOARD WIRE ROUTING AND DRESSING CAUTION POINT

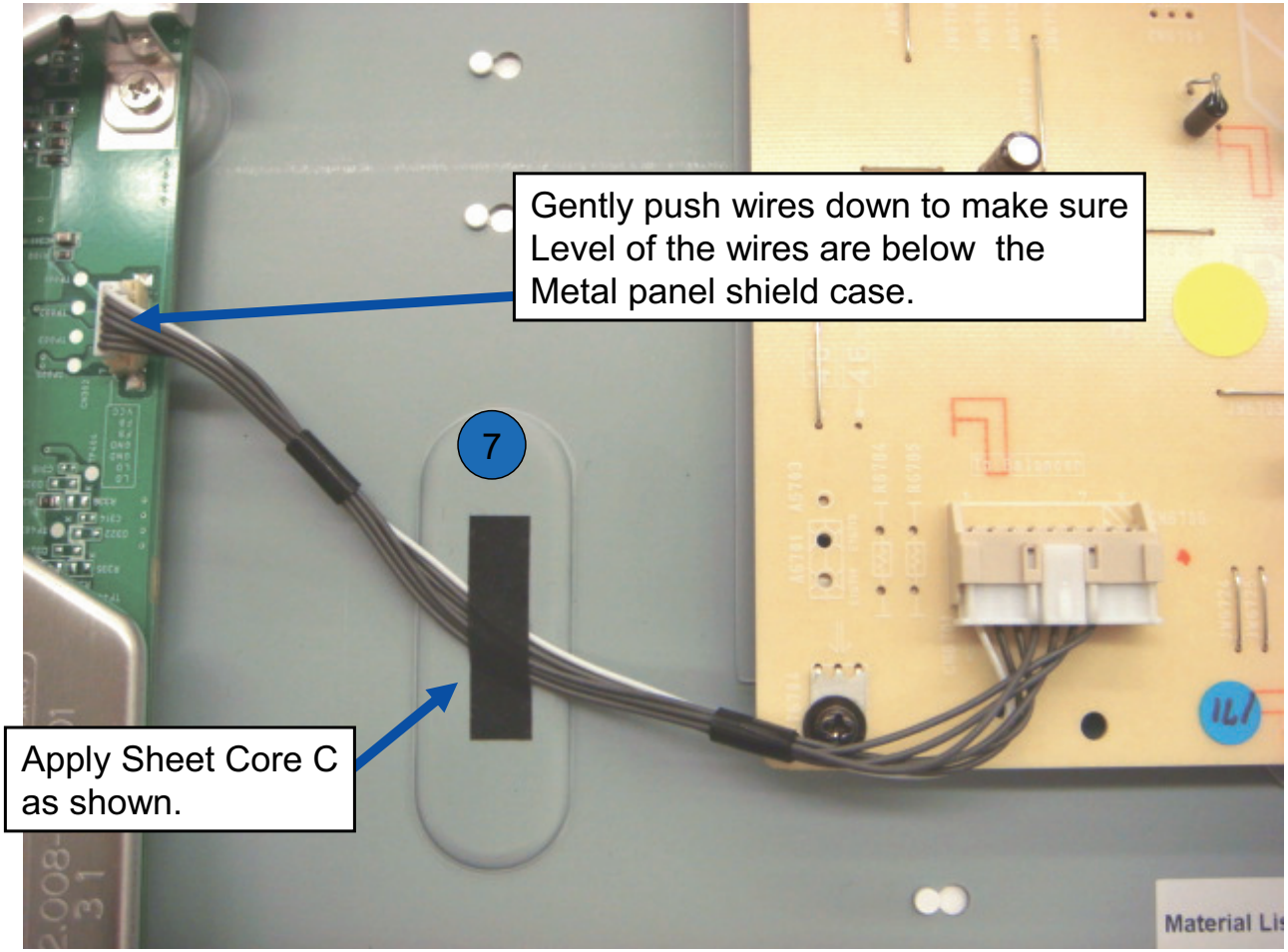


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

BALANCER BOARD CABLE ROUTING

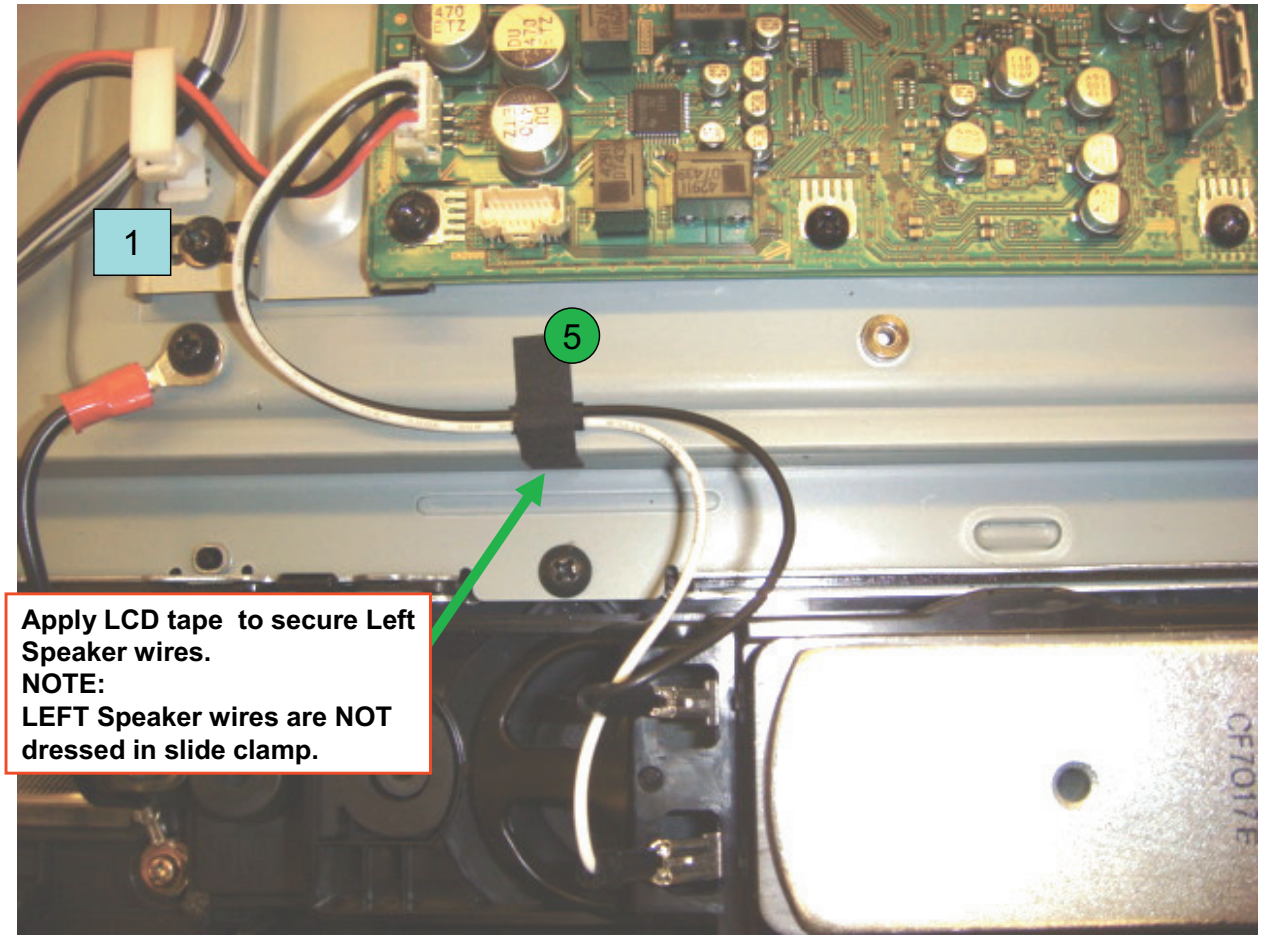


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

LEFT SPEAKER HARNESS DRESSING



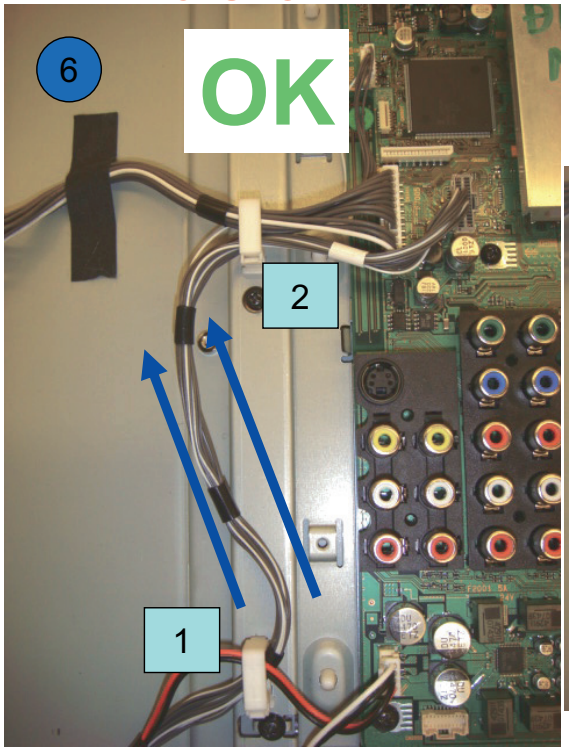
LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

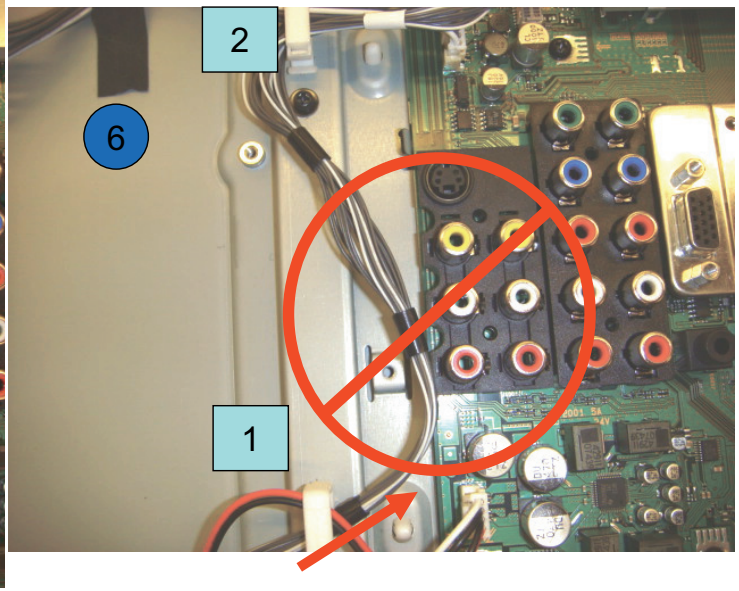
KDL-46Z4100/B & 46Z4100/S ONLY

MAIN HARNESS ROUTING

CAUTION



NG



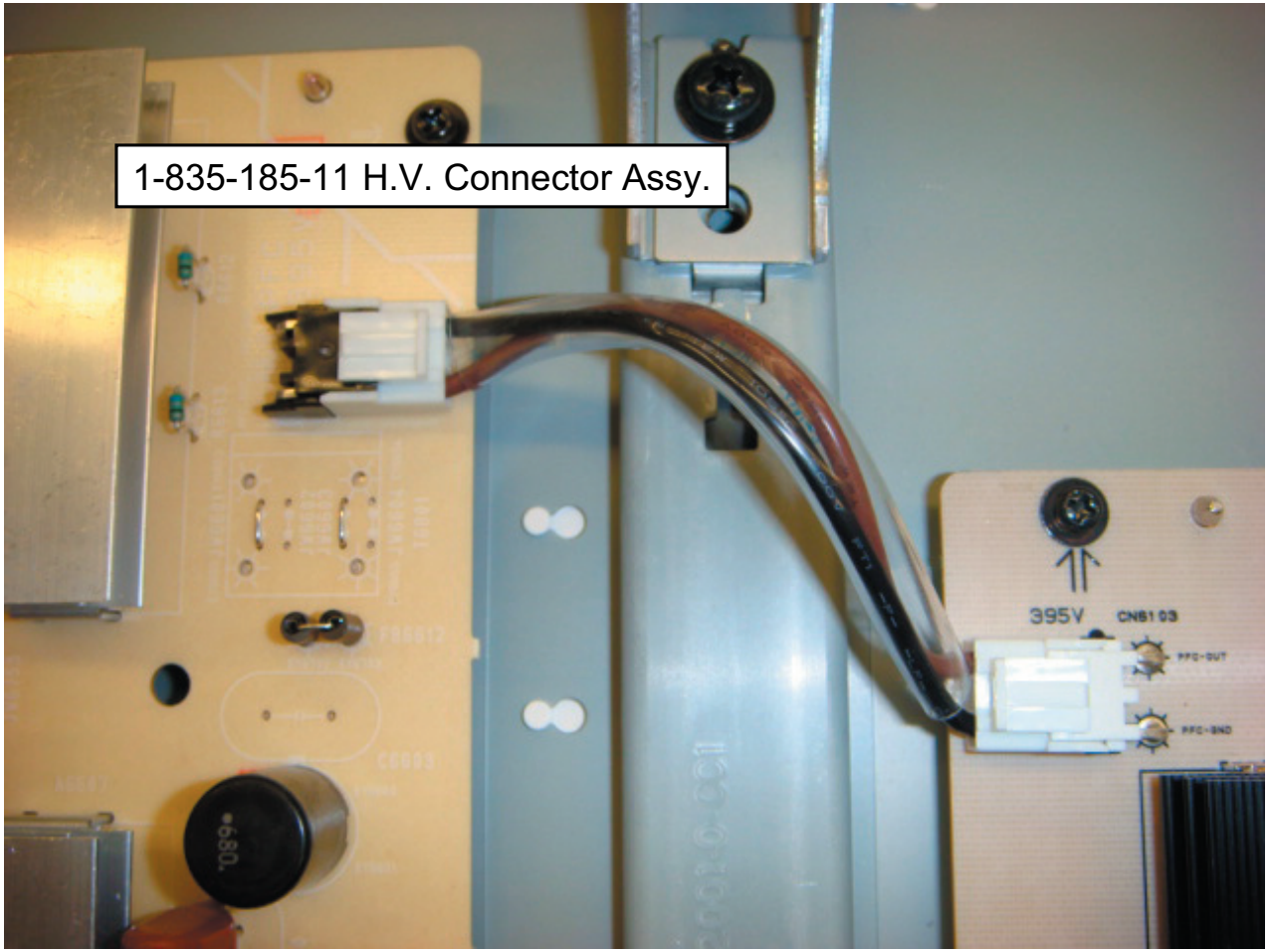
Make sure Main Harness wires do NOT cross over Terminal Jacks (Pinch Point with Rear Cover)

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

2P HIGH VOLTAGE CONN ASSY ROUTING

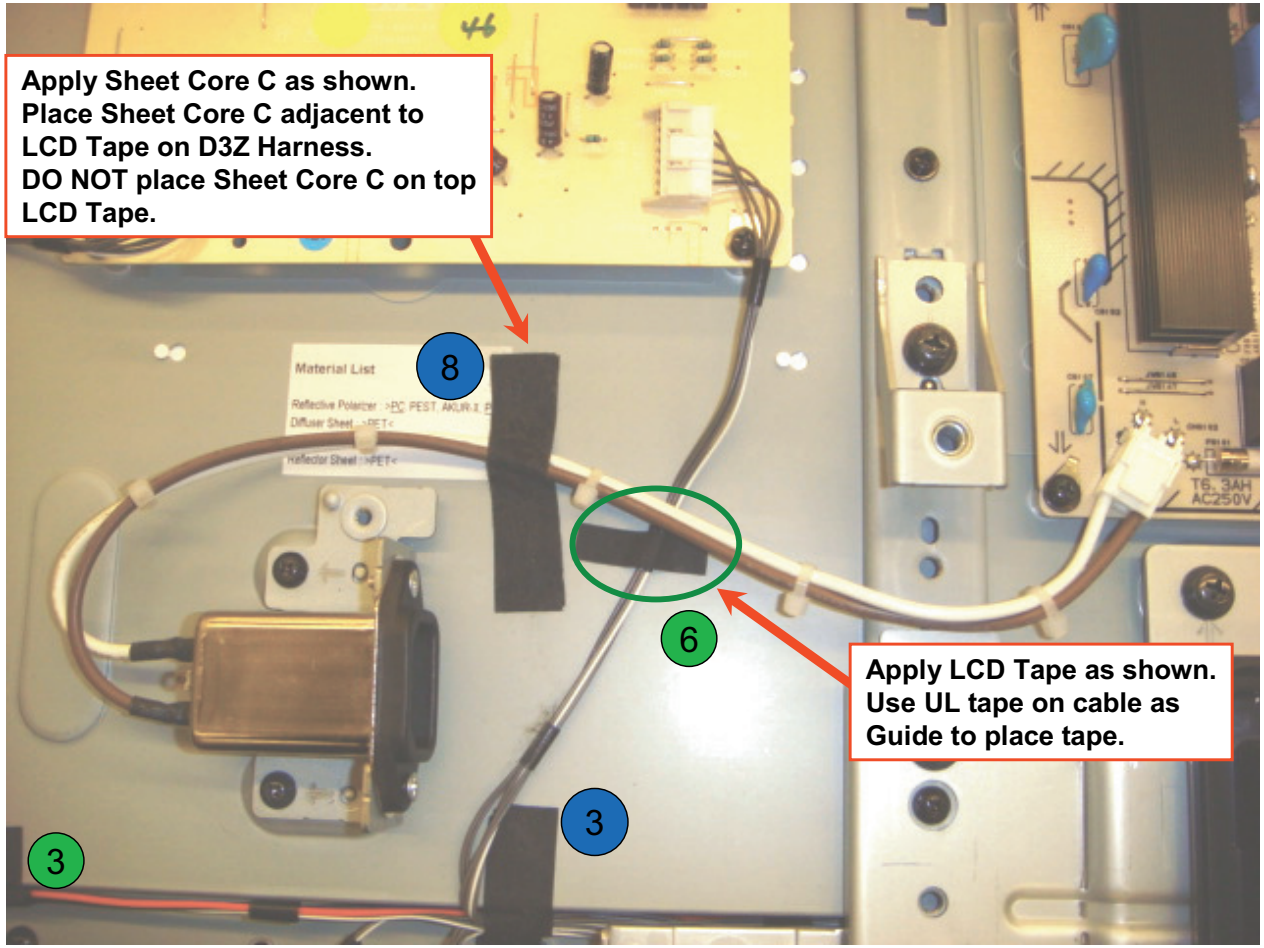


LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

MAIN HARNESS, D3Z HARNESS AND AC INLET ROUTING AND DRESSING

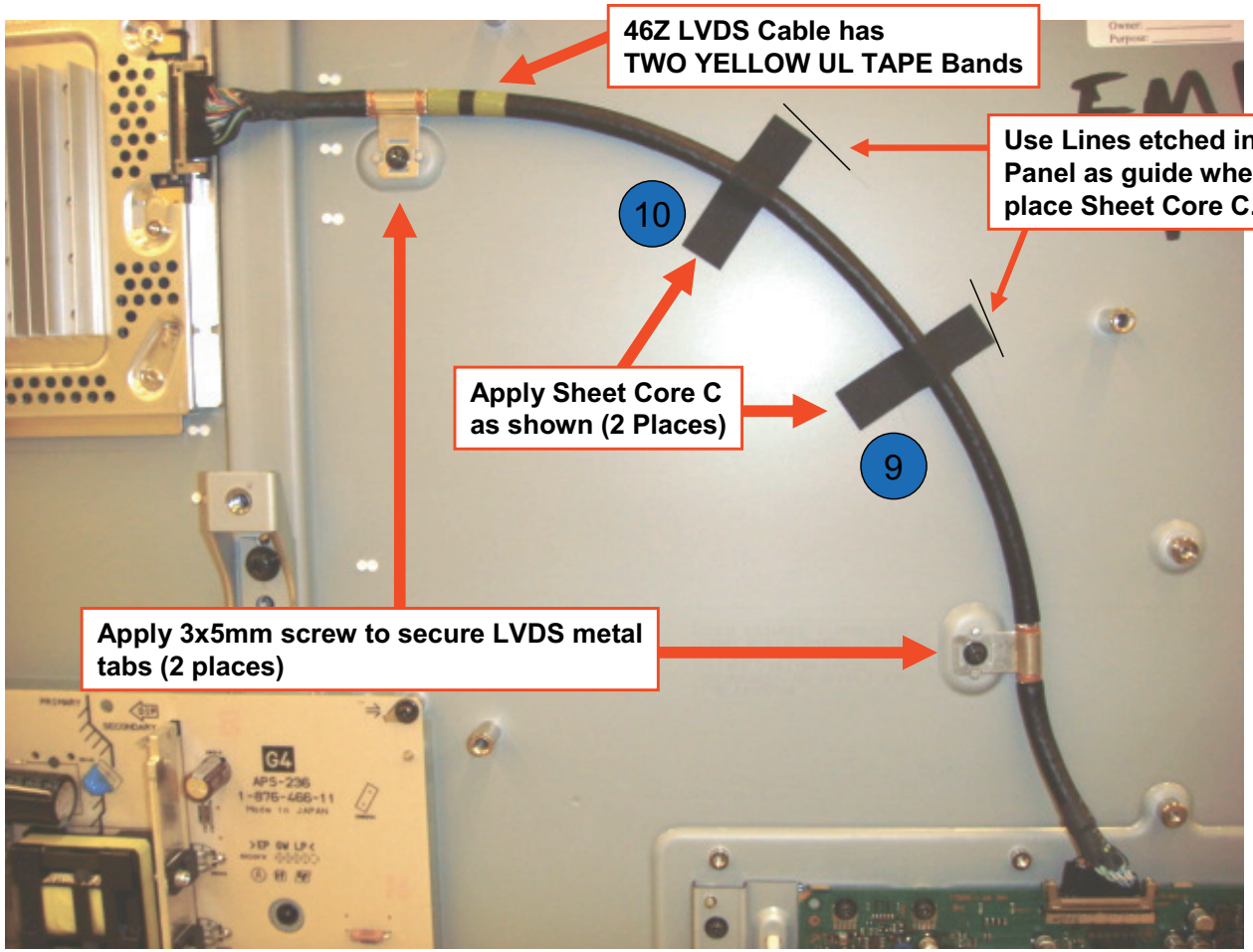

Apply Sheet Core C as shown.
Place Sheet Core C adjacent to LCD Tape on D3Z Harness.
DO NOT place Sheet Core C on top LCD Tape.
8
6
3
3
Apply LCD Tape as shown.
Use UL tape on cable as Guide to place tape.
Material List

LEGEND

- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

LVDS CABLE ROUTING



LEGEND

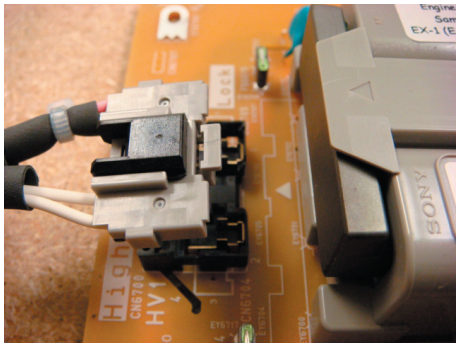
- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1

KDL-46Z4100/B & 46Z4100/S ONLY

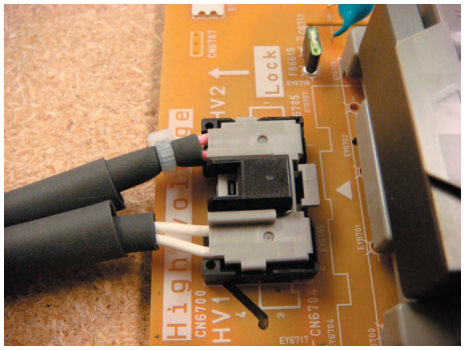
INSTALLATION PROCEDURE FOR MDF-61 CONNECTOR

LEGEND

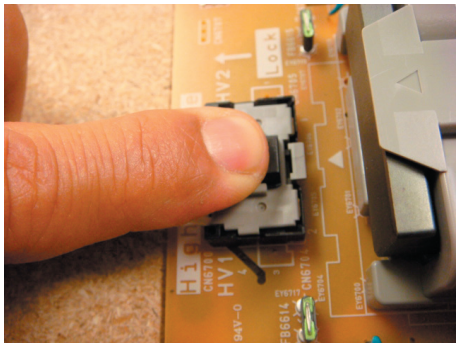
- SHEET CORE C (2-688-011-01 or equivl.) QTY=11
- LCD TAPE (2-688-062-01 or equivl.) QTY=6
- SLIDE CLAMP (2-650-770-11) QTY=2
- Cho-Fab TAPE (2-888-494-01) QTY=1
- HIMELON TAPE (2-661-260-01) QTY=1



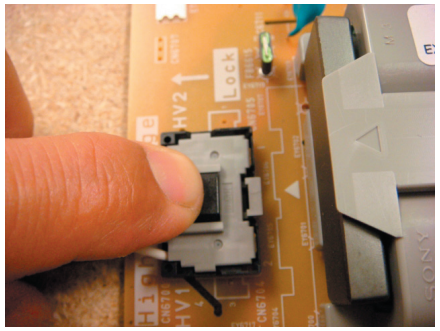
STEP1: ALIGN CONNECTOR

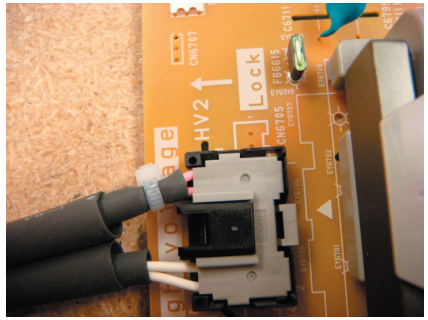


STEP2: INSTALL CONNECTOR



STEP3: PUSH DOWN ON BLACK LOCK TAB TO SEAT CONNECTOR. WHEN CONNECTOR IS SEATED IT WILL "CLICK" INTO PLACE.





STEP4: PULL LOCK BLACK LOCK TAB IN DIRECTION INDICATED ON

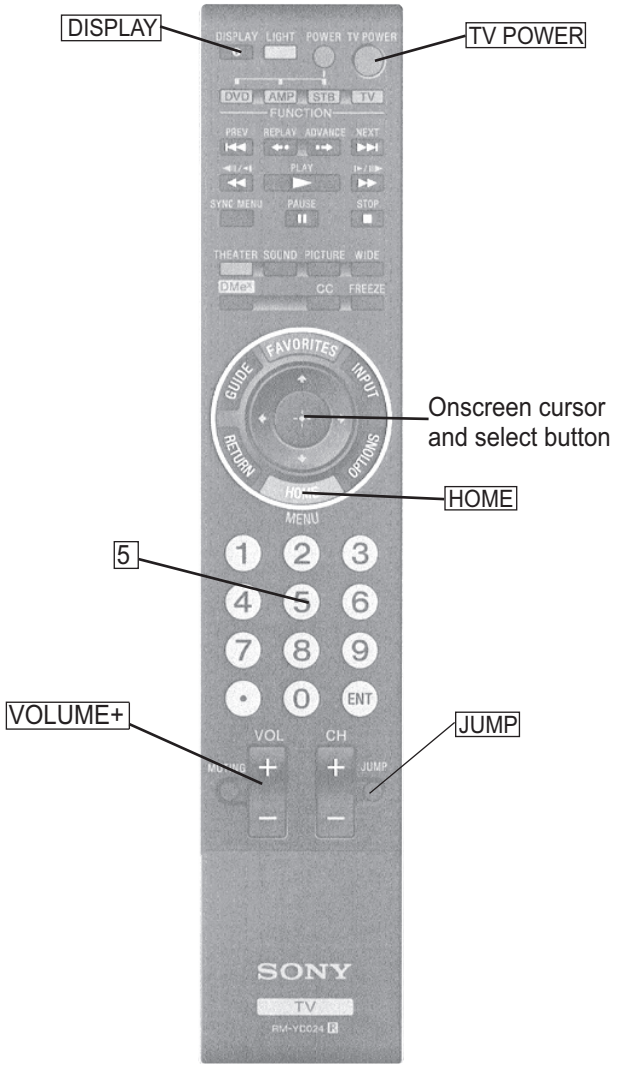
SECTION 2: SERVICE ADJUSTMENTS

2-1. VIEWING SERVICE ADJUSTMENT DATA

There are no adjustments necessary for these models. All data has been set for optimal viewing for our customers. The following sections are for informational purposes only.

2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY → Channel 5 → Volume + → TV POWER.



RM-YD024

The first service menu (TV) displays.

```
TVLF  CHECK                              SERVICE
001     COLOR ADJ                        00100
001     R_DRV
  DIGITAL PROGRAM : H801.03  0070
          DATA    : S001000
  BE      PROGRAM : TM1.000
          NVM     : TD1.000
          PACK    : TP1.000
          BOOT    : TB1.000
```

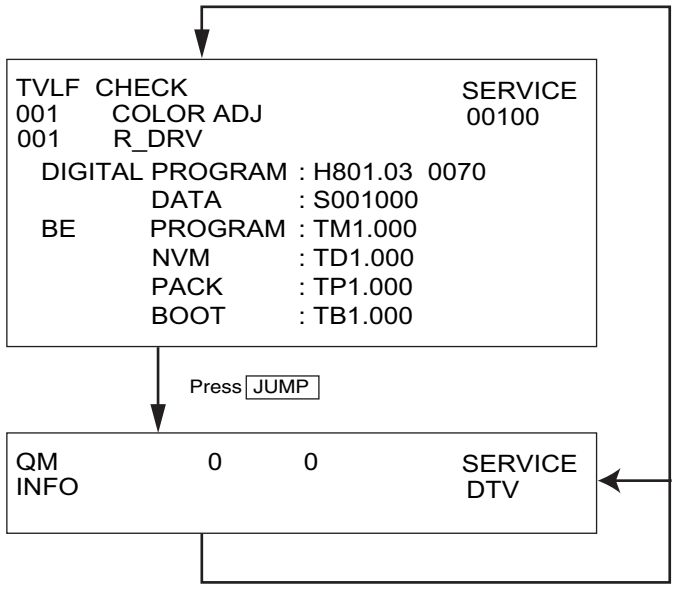
Sample TV Service Menu

2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.

1. To display the **Service Menu** that contains the Category you want to adjust, press JUMP on the Remote Commander.
   (For a complete list of the service Categories refer to Service Menus)

   NOTE: If the Service Menu display text is not completely visible, press the Menu HOME button on the Remote Commander to refresh the display.



Sample Service Menus

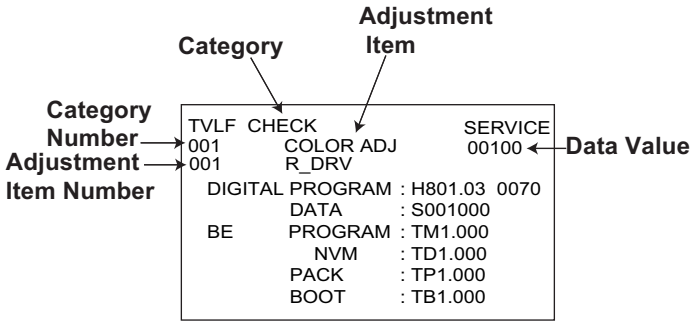
2-4. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.

1. Access Service Mode.

   Press the following buttons on the Remote Commander within a second of each other:

   DISPLAY ➡ Channel 5 ➡ Volume + ➡ TV POWER



The screen displays the first category in the selected service menu.

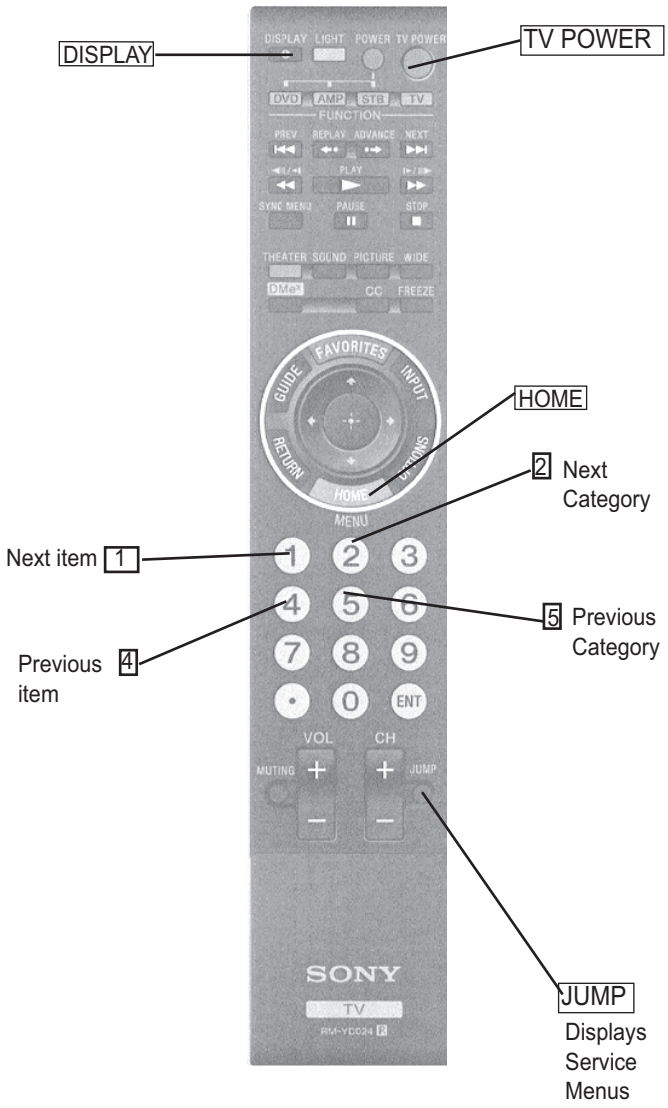
NOTE: If the Service Menu display text is not completely visible, press the Menu HOME button on the Remote Commander to refresh the display.

2. To change the **category**, press 2 or 5 on the Remote Commander.

   Note: Pressing 2 or 5 only changes the categories within the service menu displayed.

   To change a category on one of the other service menus, press the JUMP button until the correct service menu is displayed.

3. To change the **adjustment item**, press 1 or 4 on the Remote Commander.
4. To exit service mode, turn the power off.



RM-YD024

2-5. RESETTING TO FACTORY DEFAULTS

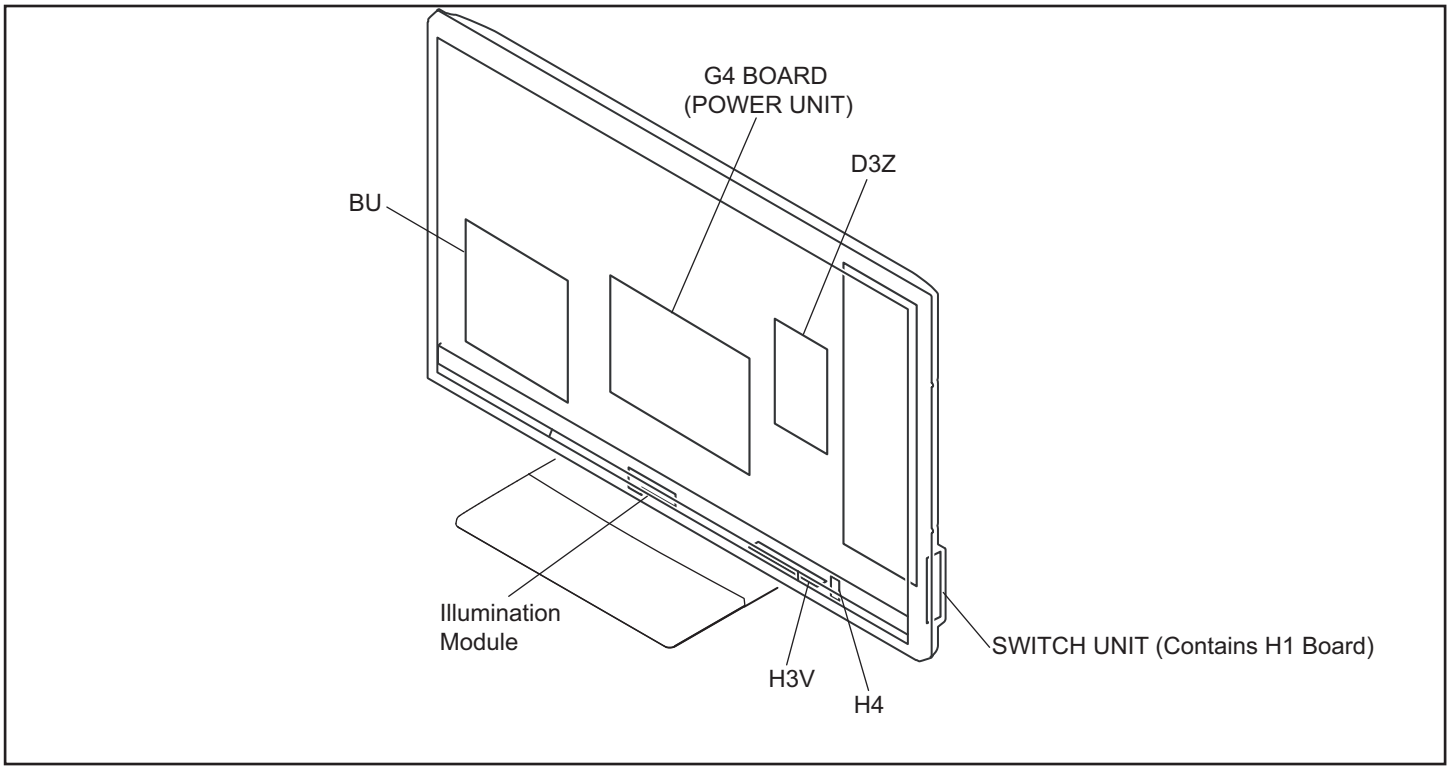
Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

1. While holding down the ▲ on the Remote Commander, press the POWER button on the Front Panel of the set.

   The set restarts and displays the initial setup screen. This may take several minutes.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $^1/_4$ W

$^1/_4$ W in resistance, $^1/_{10}$ W and $^1/_{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN	METAL FILM
: RC	SOLID
: FPRD	NONFLAMMABLE CARBON
: FUSE	NONFLAMMABLE FUSIBLE
: RW	NONFLAMMABLE WIREWOUND
: RS	NONFLAMMABLE METAL OXIDE
: RB	NONFLAMMABLE CEMENT
: ※	ADJUSTMENT RESISTOR

CAPACITOR

: TA	TANTALUM
: PS	STYROL
: PP	POLYPROPYLENE
: PT	MYLAR
: MPS	METALIZED POLYESTER
: MPP	METALIZED POLYPROPYLENE
: ALB	BIPOLAR
: ALT	HIGH TEMPERATURE
: ALR	HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

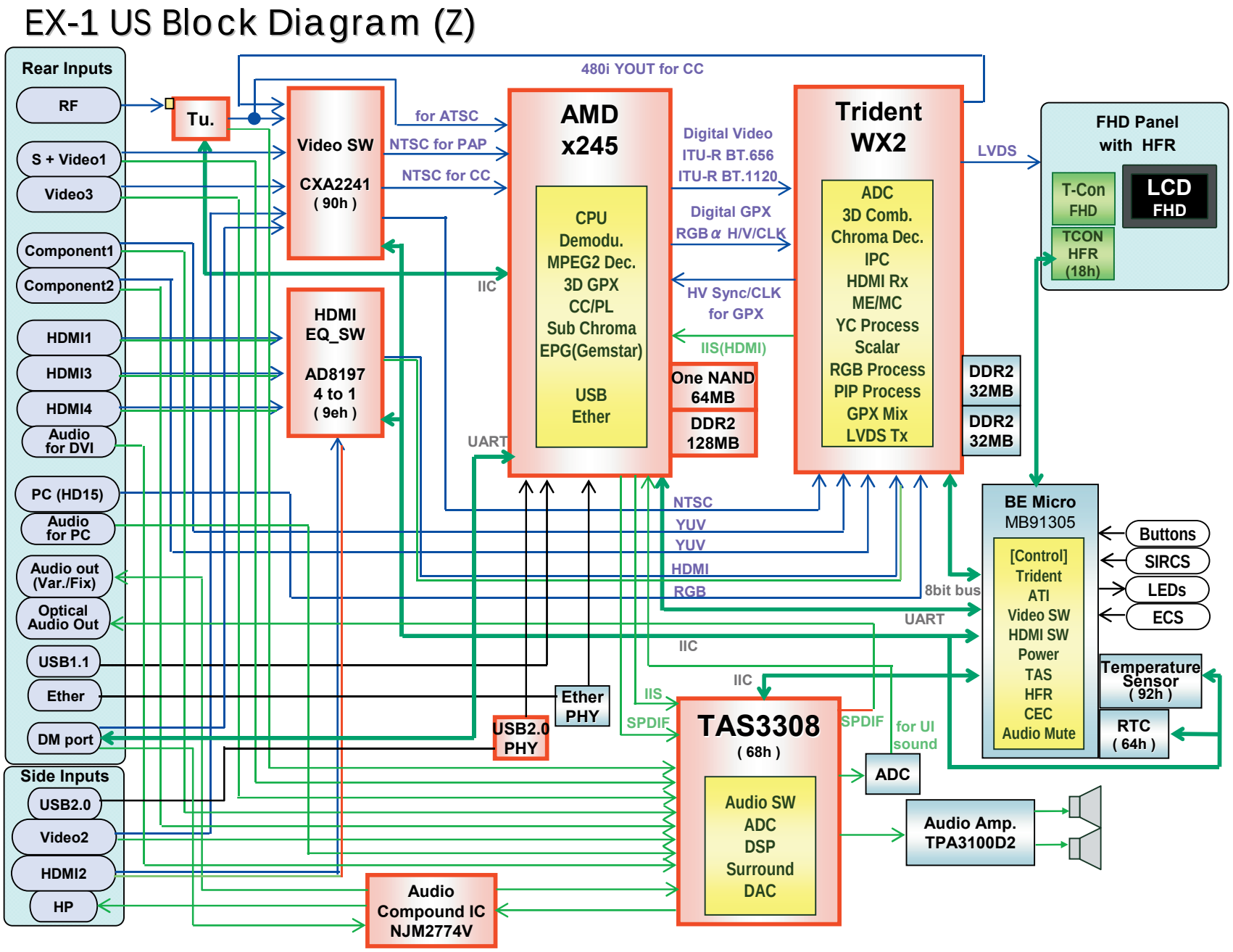
Terminal name of semiconductors in silk screen printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector / Base Emitter	
2	Transistor		Collector / Base Emitter	
3	Diode		Cathode / Anode	
4	Diode		Cathode / Anode (NC)	
5	Diode		Cathode / Anode (NC)	
6	Diode		Common / Anode Cathode	
7	Diode		Common / Anode Cathode	
8	Diode		Common / Anode Anode	
9	Diode		Common / Anode Anode	
0	Diode		Common / Cathode Cathode	
!¡	Diode		Common / Cathode Cathode	
!™	Diode		Anode Cathode / Anode Anode / Cathode Anode	
!£	Transistor (FET)		Drain Source / Gate	
!¢	Transistor (FET)		Drain Source / Gate	
!?	Transistor (FET)		□ Source / □ Drain / □ Gate	
!§	Transistor		□ Emitter / □ Collector / □ Base	
!¶	Transistor		C2 B1 E1 / E2 B2 C1	
!•	Transistor		C1 B2 E2 / E1 B1 C2	
!ª	Transistor		C1 B2 E2 / E1 B1 C2	
@º	Transistor		C1 B2 E2 / E1 B1 C2	
@¡	Transistor		E2 B1 E1 / C2 C1(B2)	
@™	Transistor		(B2) B1 E1 E2 / C1 C2	
@£	Transistor		(B2) E2 E1 B1 / C2 C1	
–	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

Ver.1.6

3-3. BLOCK DIAGRAM



3-4. SCHEMATICS AND SUPPORTING INFORMATION
BU BOARD SCHEMATIC DIAGRAM (1 OF 12)

VideoInput1

VideoInput3

VideoInput2

ComponentInput1

ComponentInput2

REF.1101~1199

Opt/Audio Output

PC_LR IN

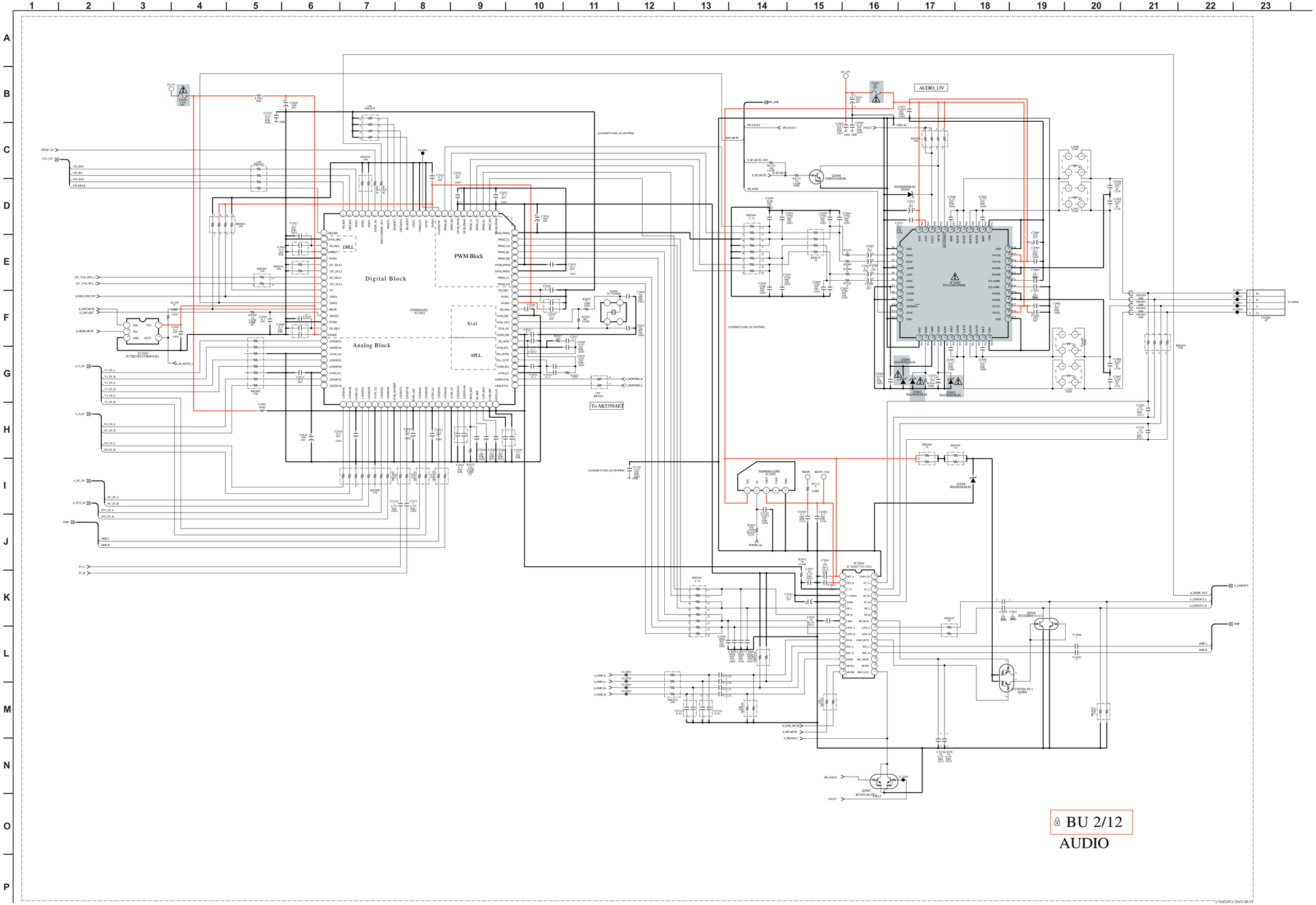
AUDIO IN

DigitalMediaPort

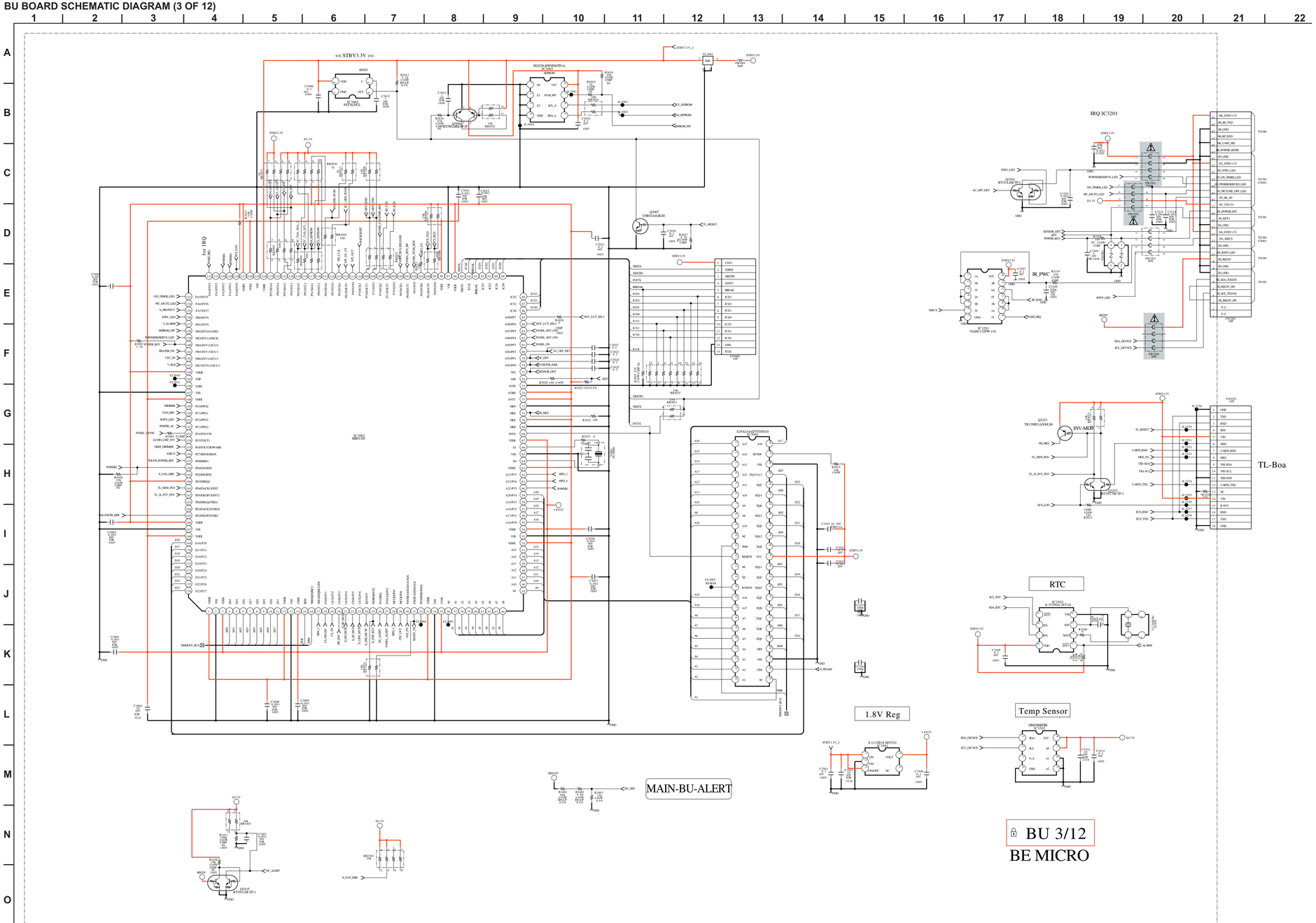
BU 1/12

VIDEO SW & I/O

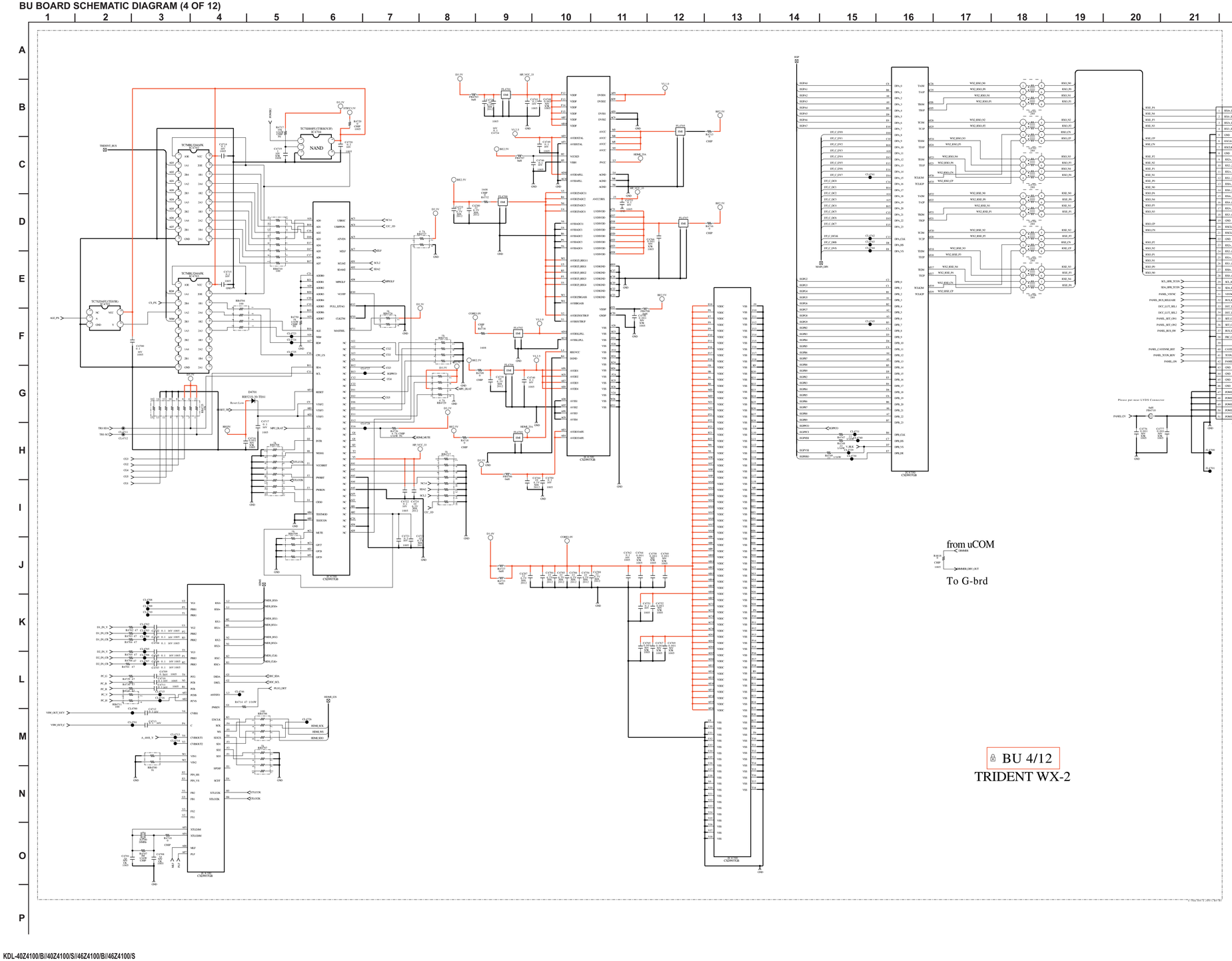
BU BOARD SCHEMATIC DIAGRAM (2 OF 12)



BU BOARD SCHEMATIC DIAGRAM (3 OF 12)



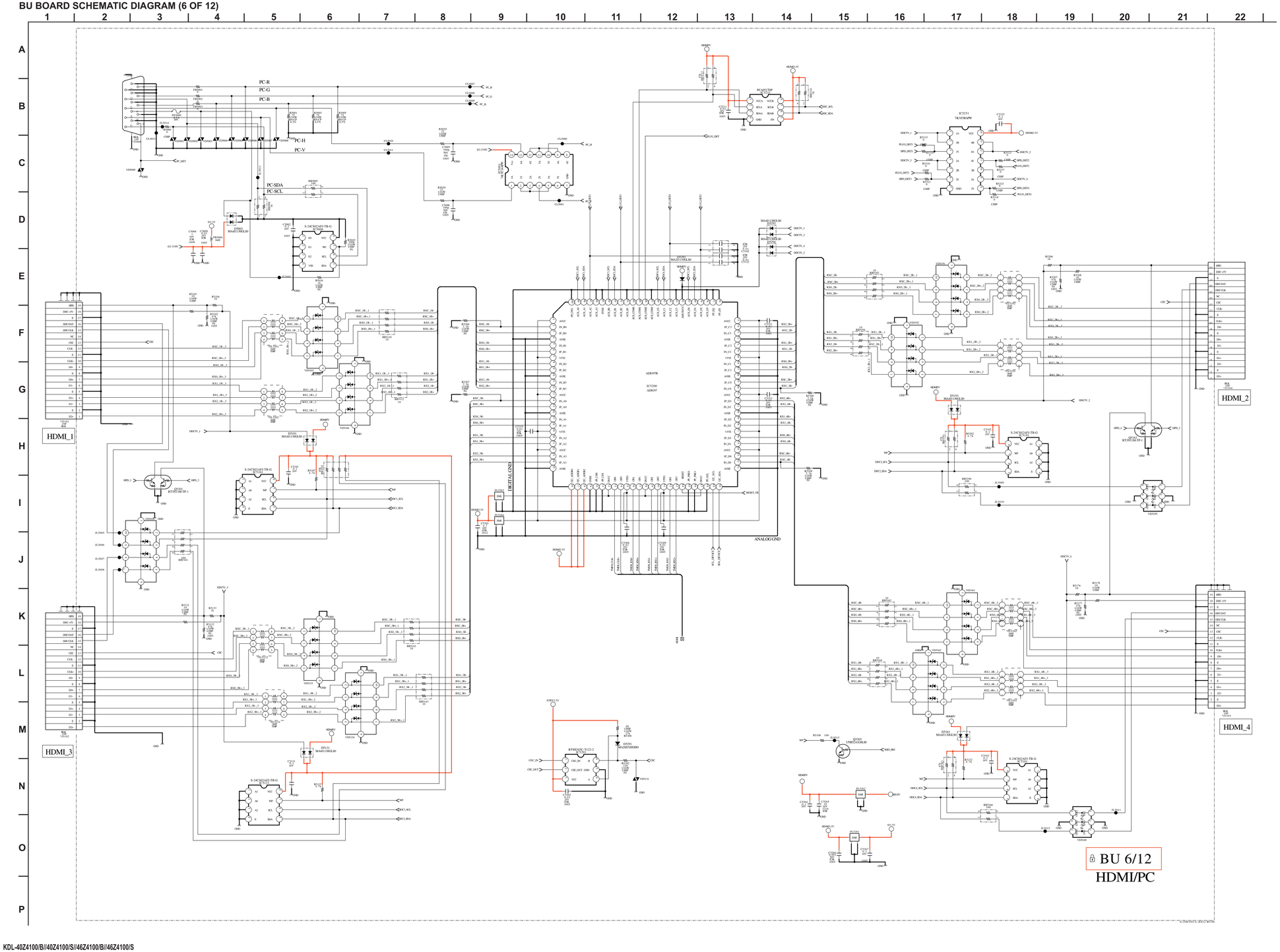
BU BOARD SCHEMATIC DIAGRAM (4 OF 12)



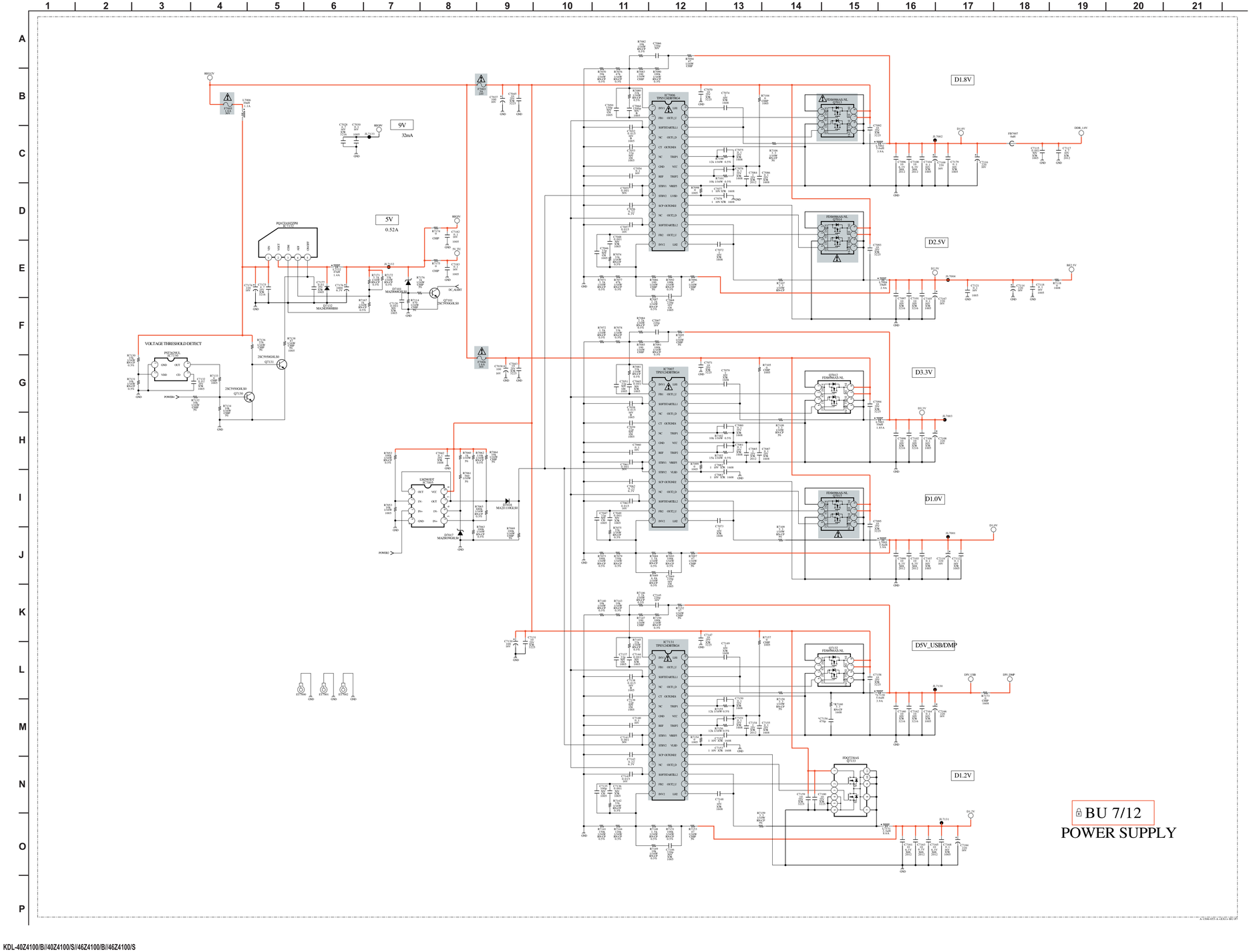
BU BOARD SCHEMATIC DIAGRAM (5 OF 12)

BU 5/12
TRIDENT
DDR SDRAM

BU BOARD SCHEMATIC DIAGRAM (6 OF 12)



BU BOARD SCHEMATIC DIAGRAM (7 OF 12)



BU 7/12

POWER SUPPLY

BU BOARD SCHEMATIC DIAGRAM (8 OF 12)

X245 GND

X245 POWER SUPPLY

X245 POWER SUPPLY

X245 PERIPHERAL

X245 RESET / PLL / XTAL

X245 GND

BU 8/12

X245 GND/PWR/XTAL/
PLL/RESET/PERIPHERAL

BU BOARD SCHEMATIC DIAGRAM (9 OF 12)

DDR2 (x16)

X245 DDR2 INTERFACE (x16)

NAND FLASH

X245 NF INTERFACE

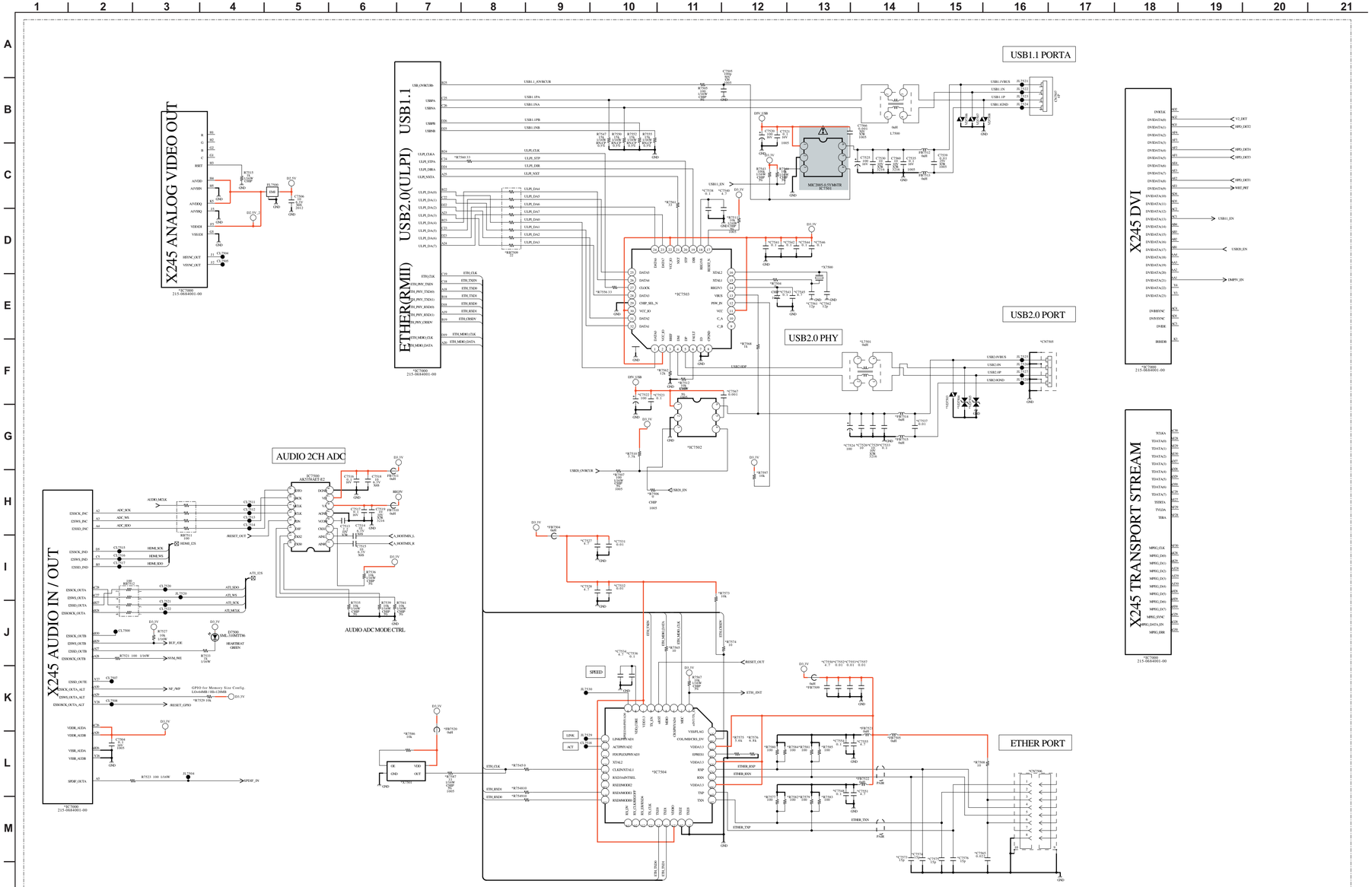
SERIAL FLASH

X245 FLEXBUS INTERFACE

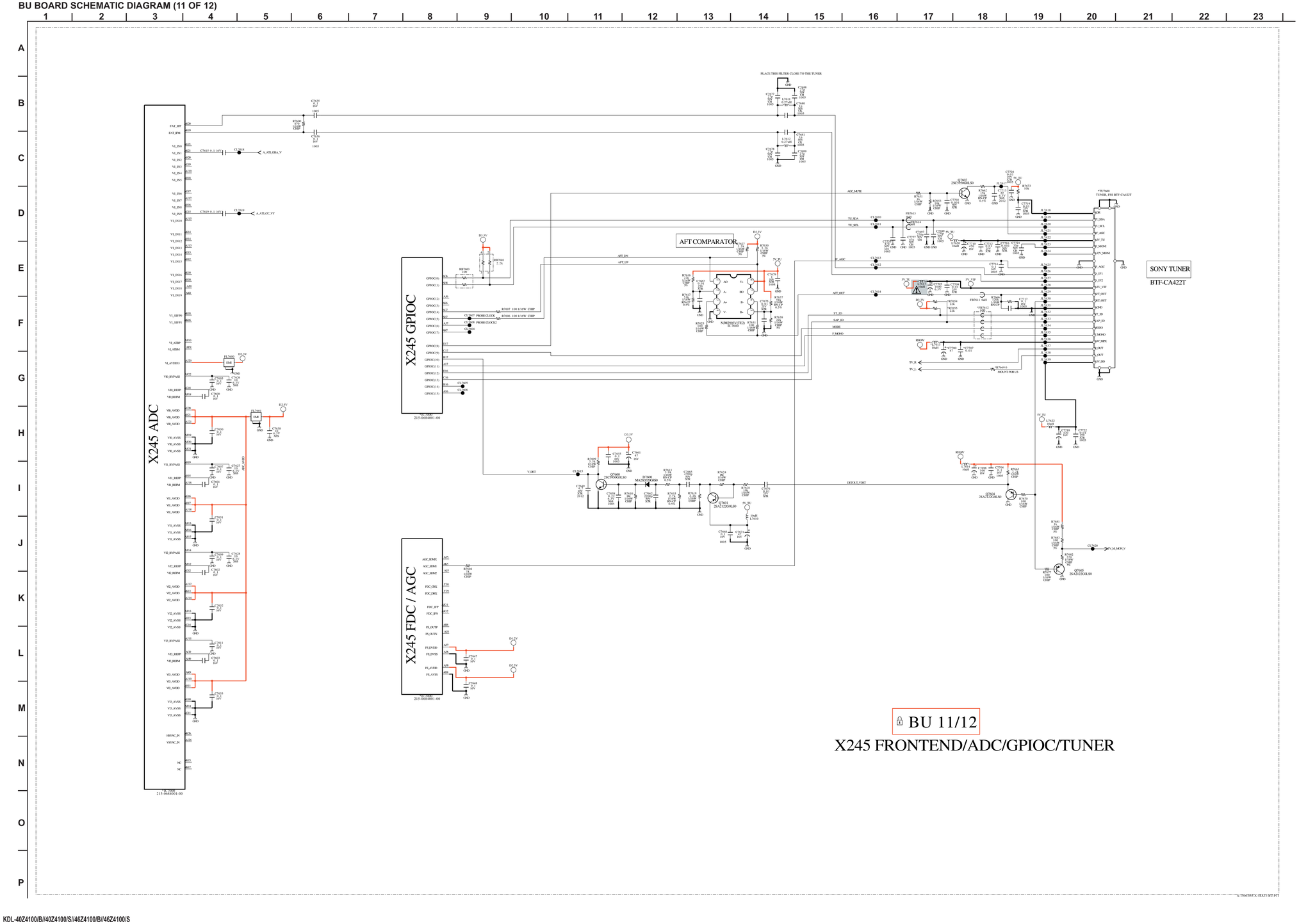
BU 9/12

X245 DDR2/FLASH/NVM/FLEXBUS/STRAP

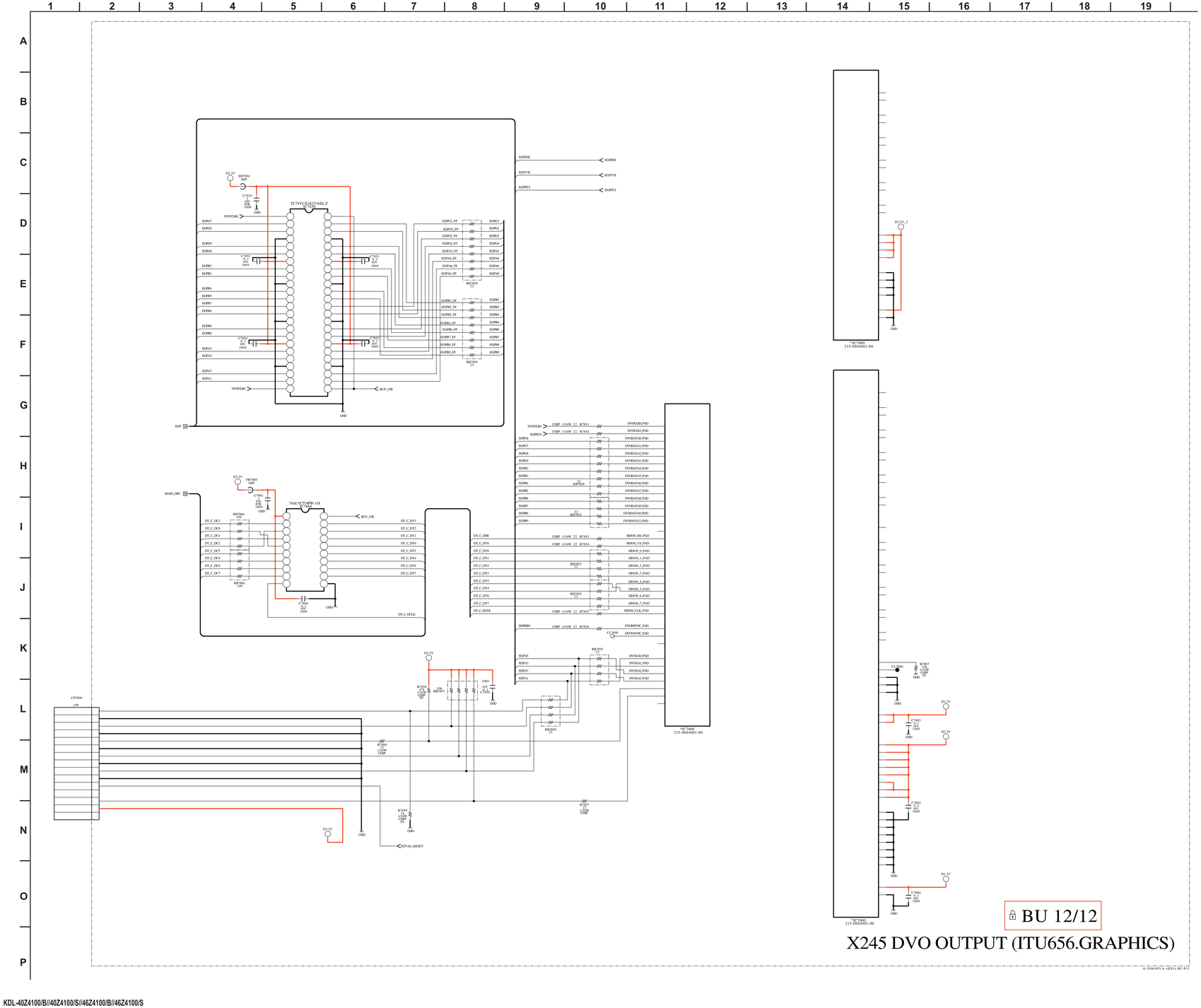
BU BOARD SCHEMATIC DIAGRAM (10 OF 12)



BU BOARD SCHEMATIC DIAGRAM (11 OF 12)



BU BOARD SCHEMATIC DIAGRAM (12 OF 12)



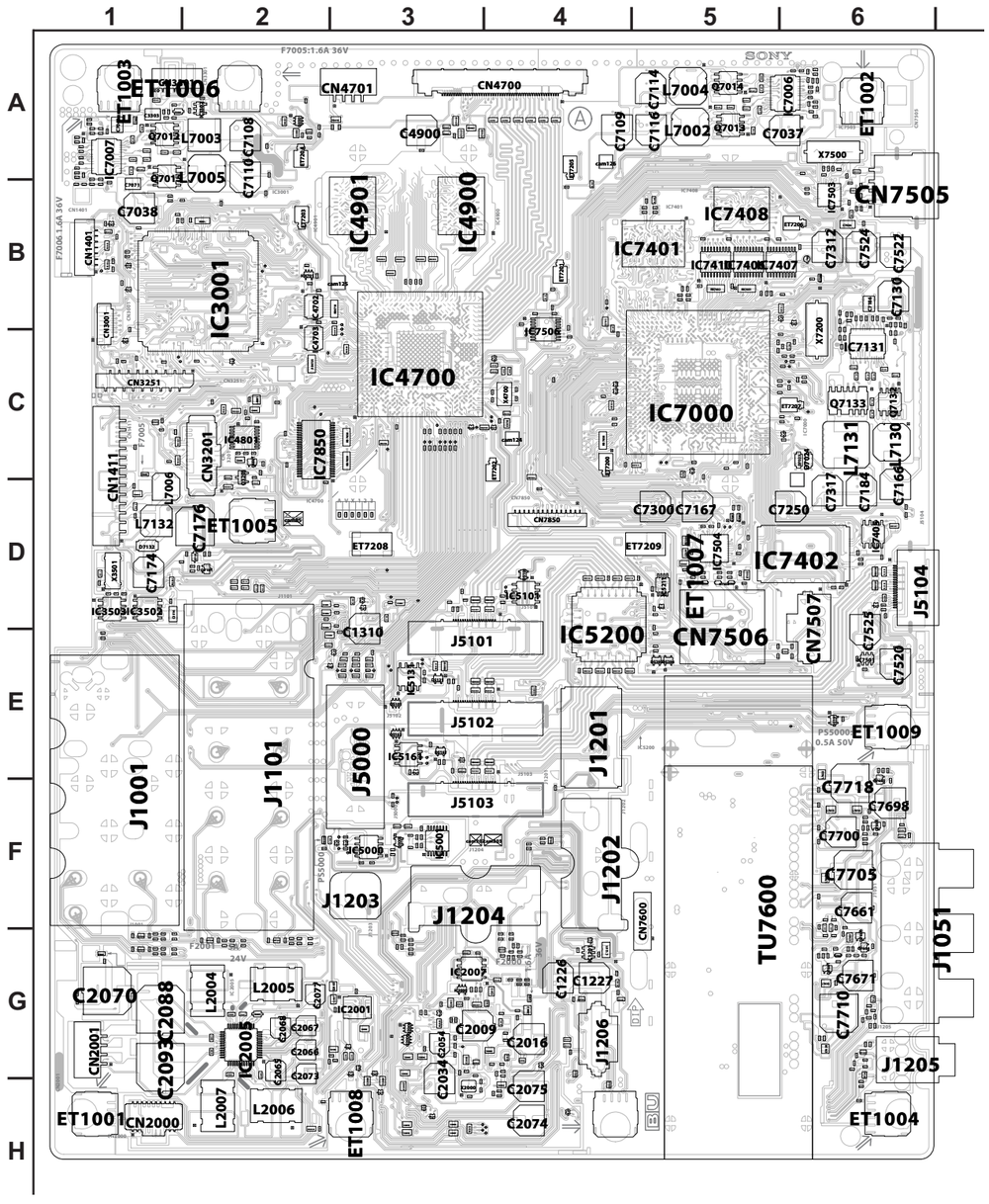
BU 12/12

X245 DVO OUTPUT (ITU656.GRAPHICS)

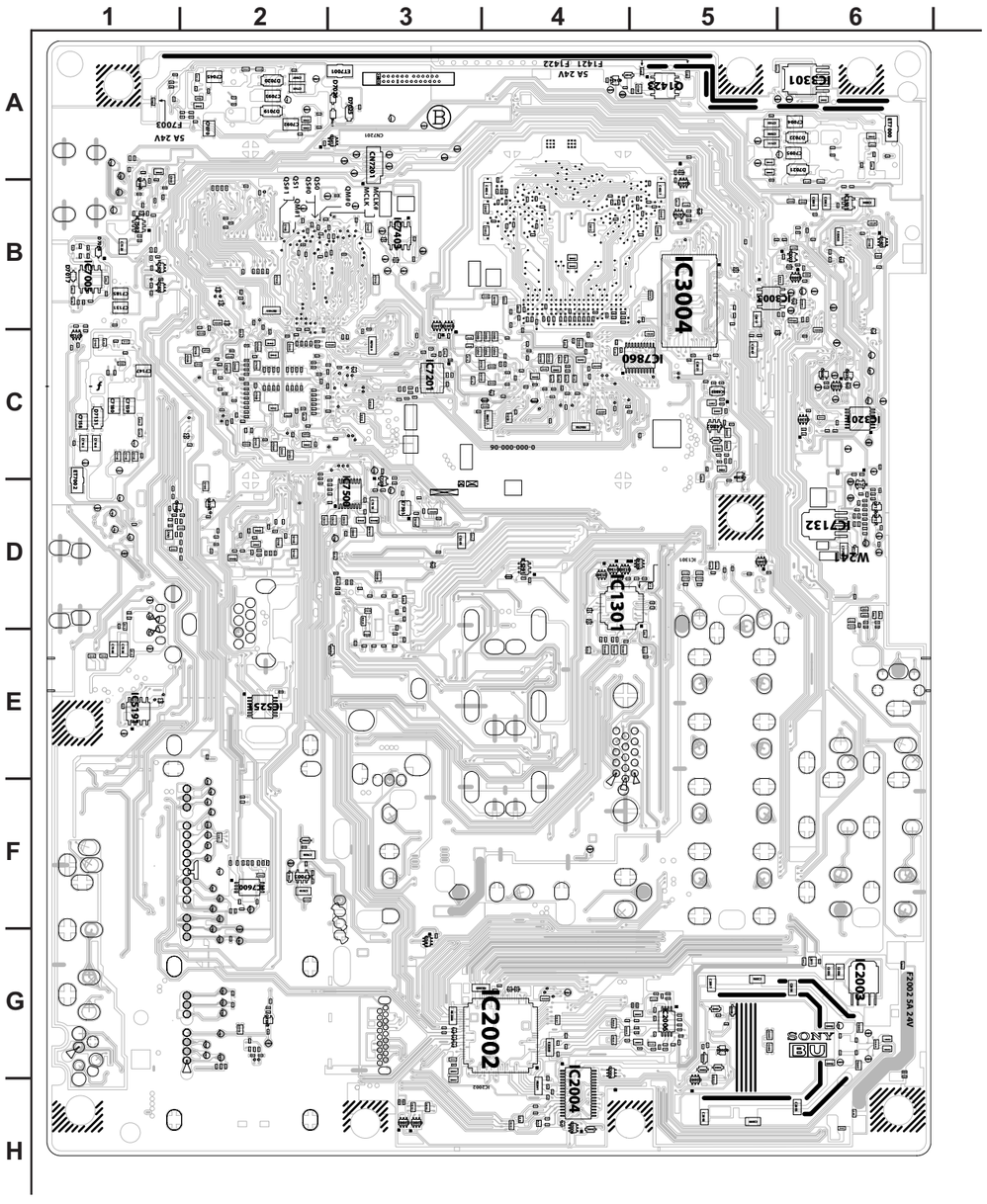
A-1506-055-A <EXC1> BU-P12

BU [VIDEO SW & I, O, AUDIO, BE MICRO, TRIDENT WX-2, TRIDENT DDR SDRAM, HDMI, PC, POWER SUPPLY, X245 GND, PWR, XTAL, PLL, RESET, PERIPHERAL, X245 DDR2, FLASH, NVM, FLEXBUS, STRAP, X245 AUDIO IF, USB1.1, USB 2.0, ETHERNET, X245 FRONTEND, ADC, GPIOC, TUNER, X245 DVO OUTPUT (ITU656.GRAPHICS)

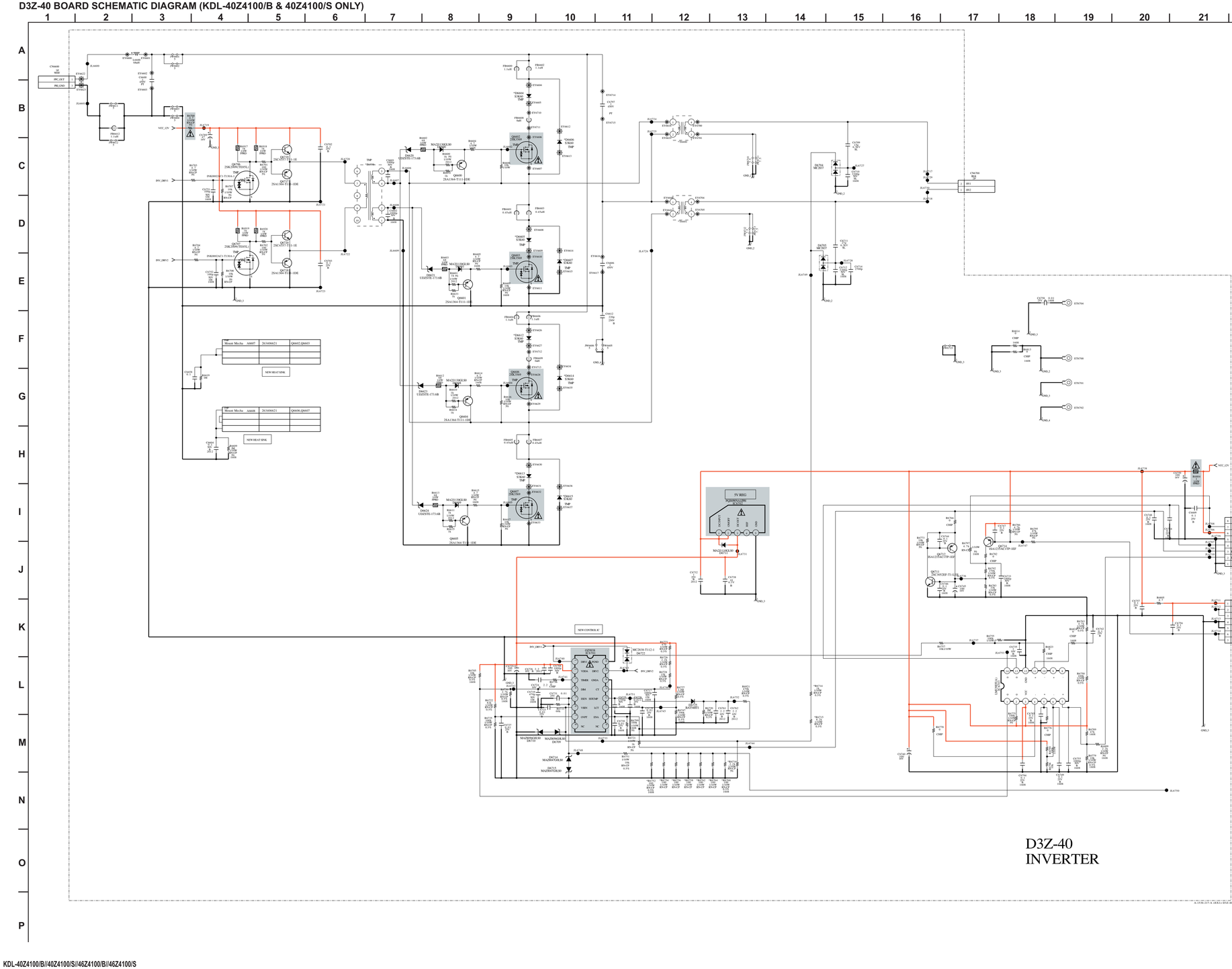
COMPONENT SIDE



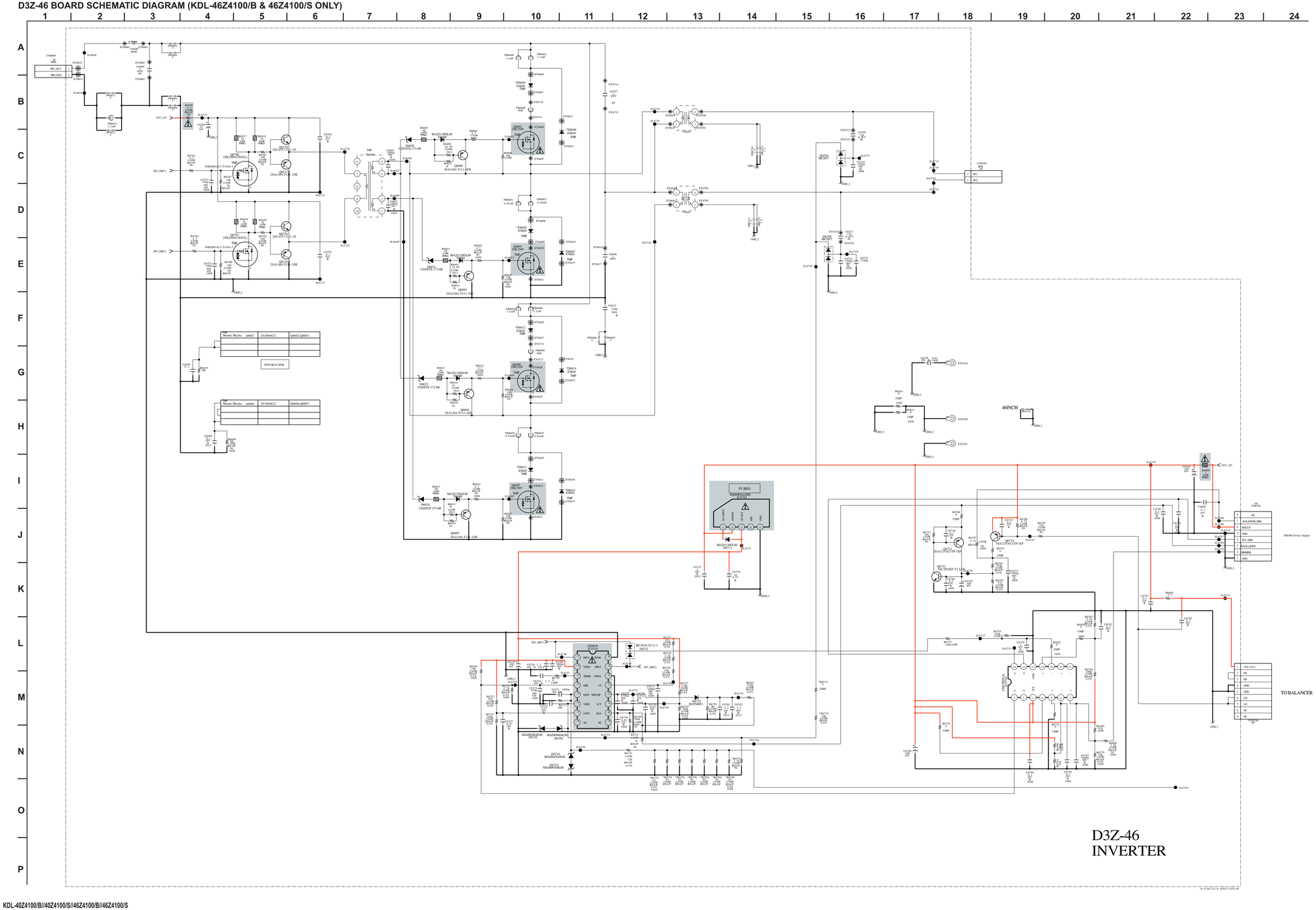
CONDUCTOR SIDE



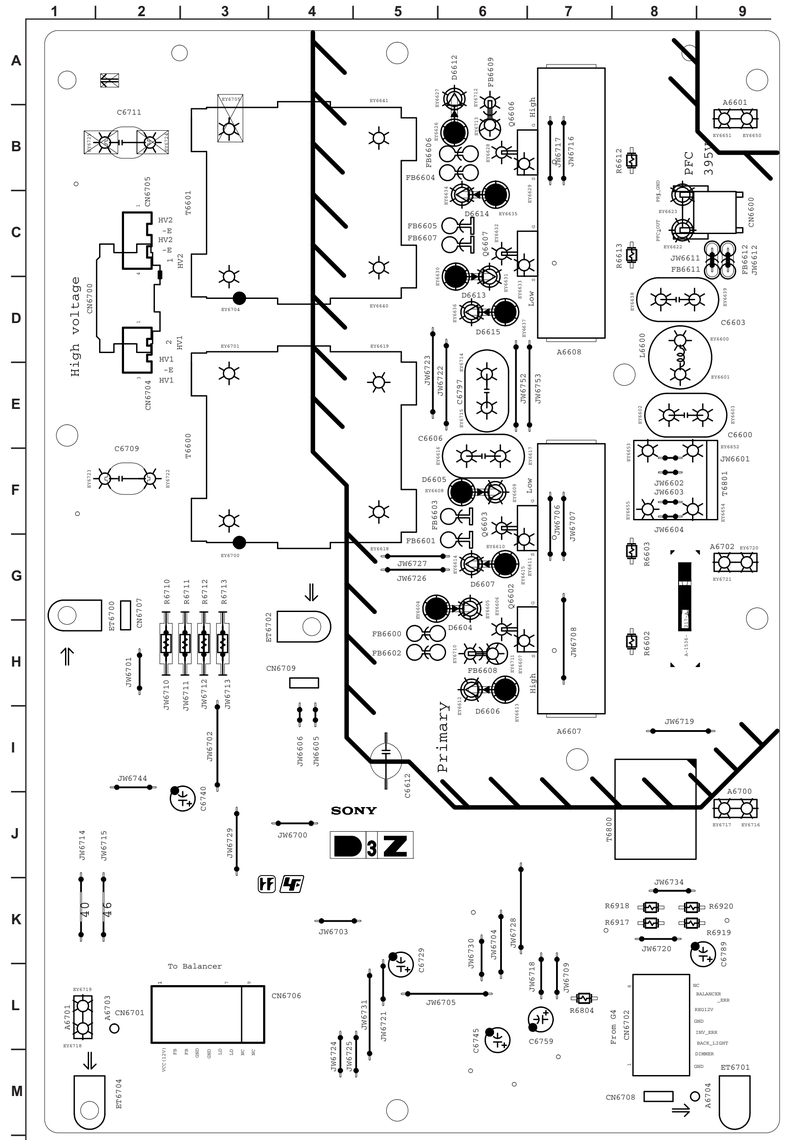
D3Z-40 BOARD SCHEMATIC DIAGRAM (KDL-40Z4100/B & 40Z4100/S ONLY)



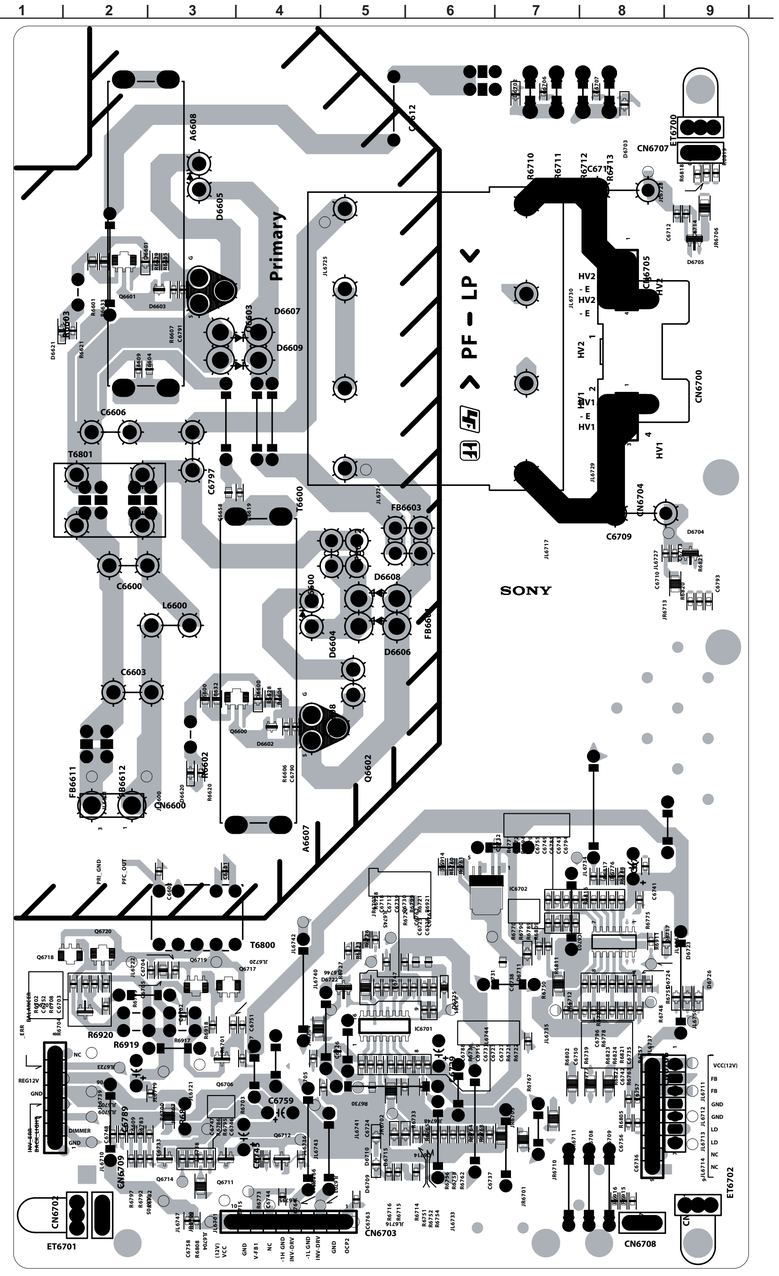
D3Z-46 BOARD SCHEMATIC DIAGRAM (KDL-46Z4100/B & 46Z4100/S ONLY)



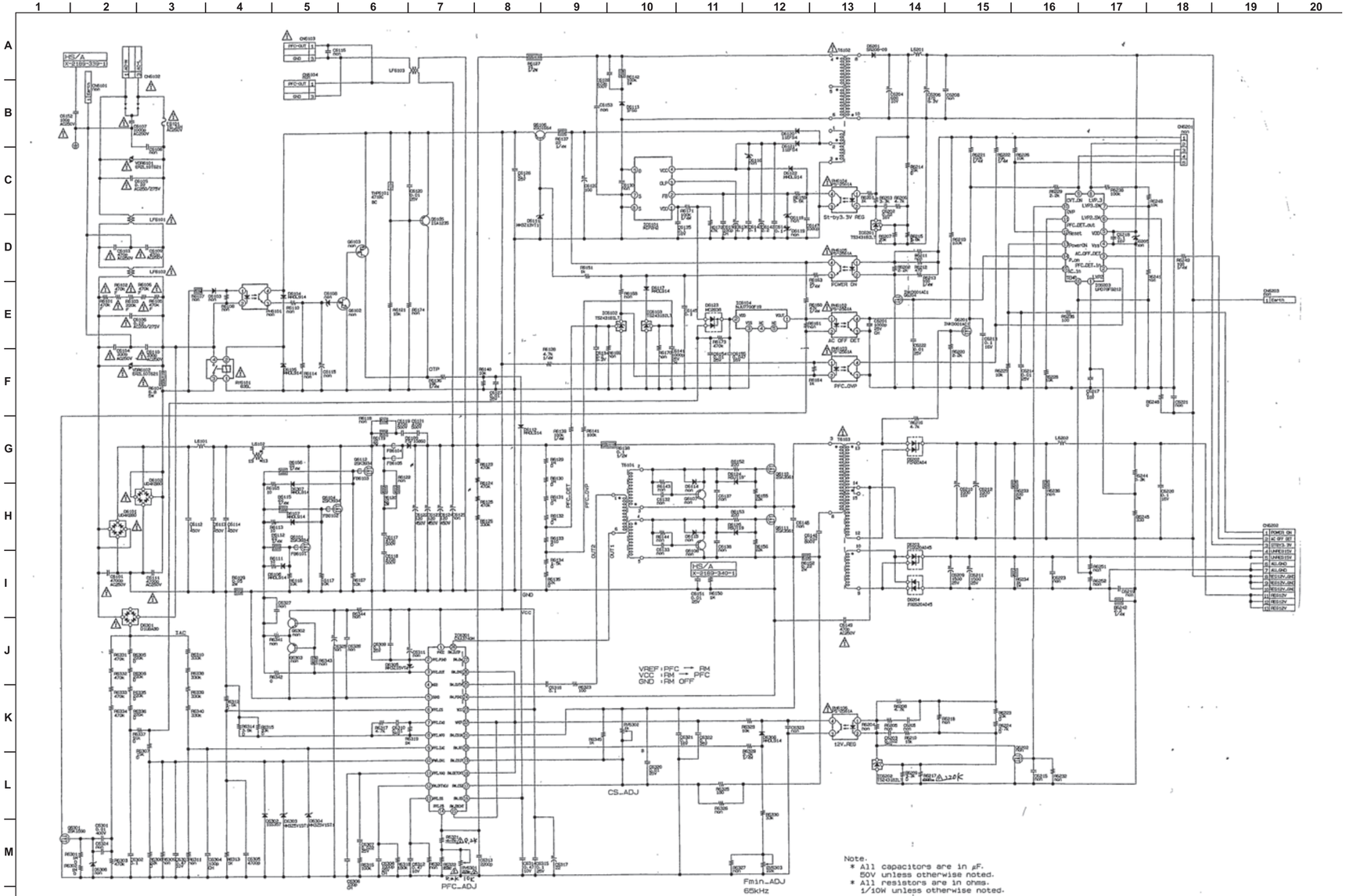
D3Z [INVERTER]
COMPONENT SIDE



D3Z [INVERTER]
CONDUCTOR SIDE



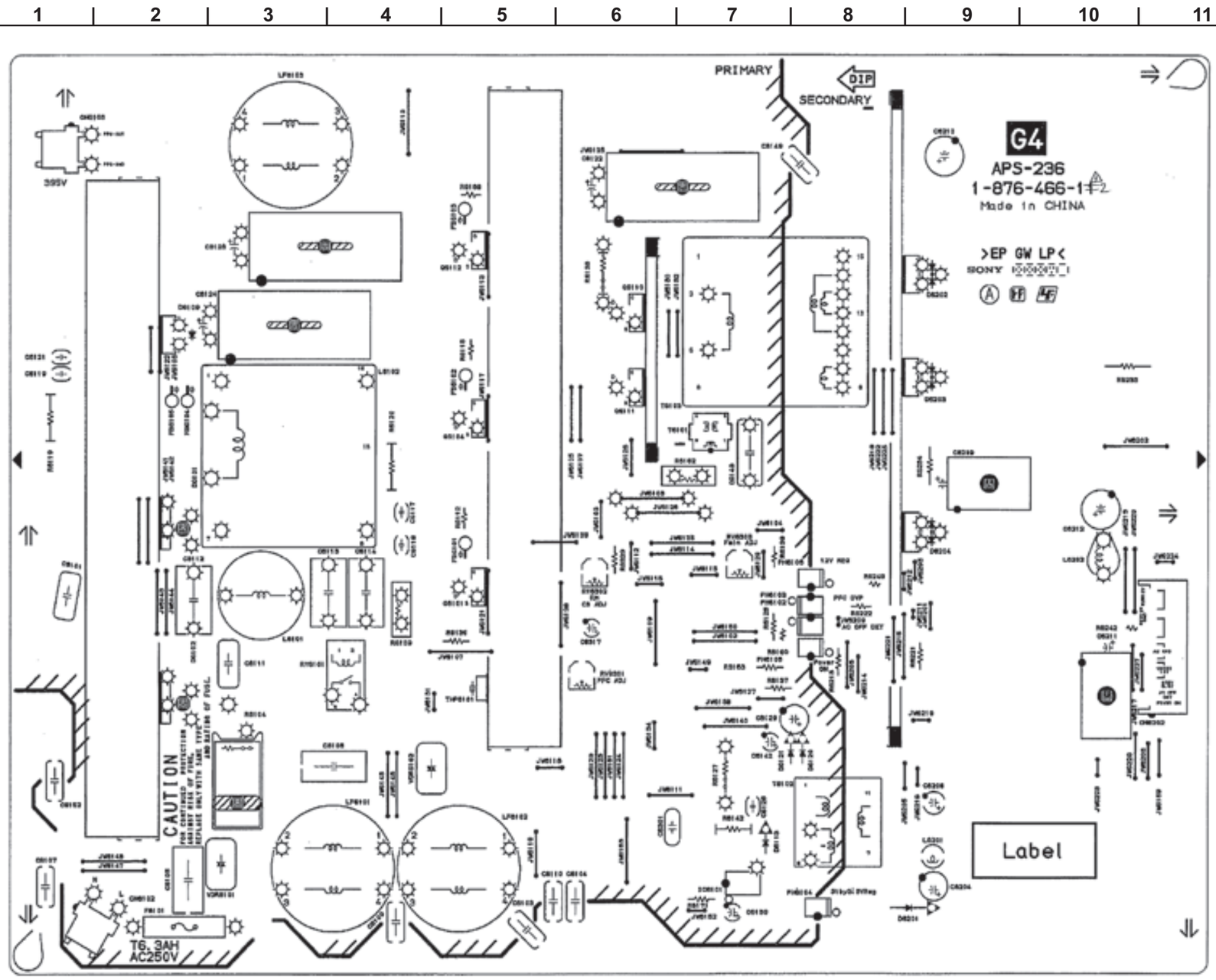
G4 BOARD SCHEMATIC DIAGRAM



(E)	POWER UNIT
(J)	電源ユニット
TENTATIVE PART NO.	0-860-079-01
DRAWING NO.	SB Y3800

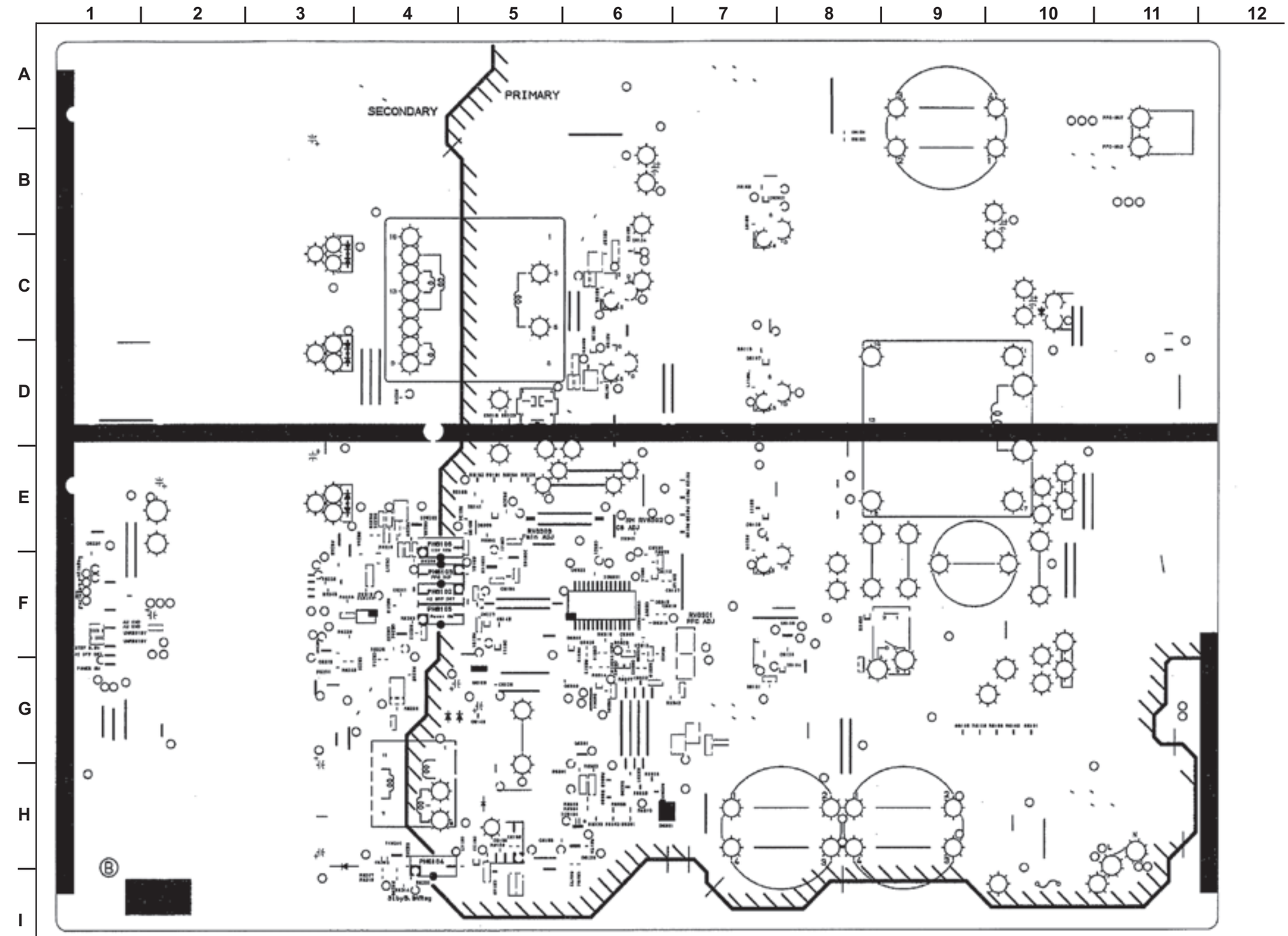
G4 [POWER]

COMPONENT SIDE

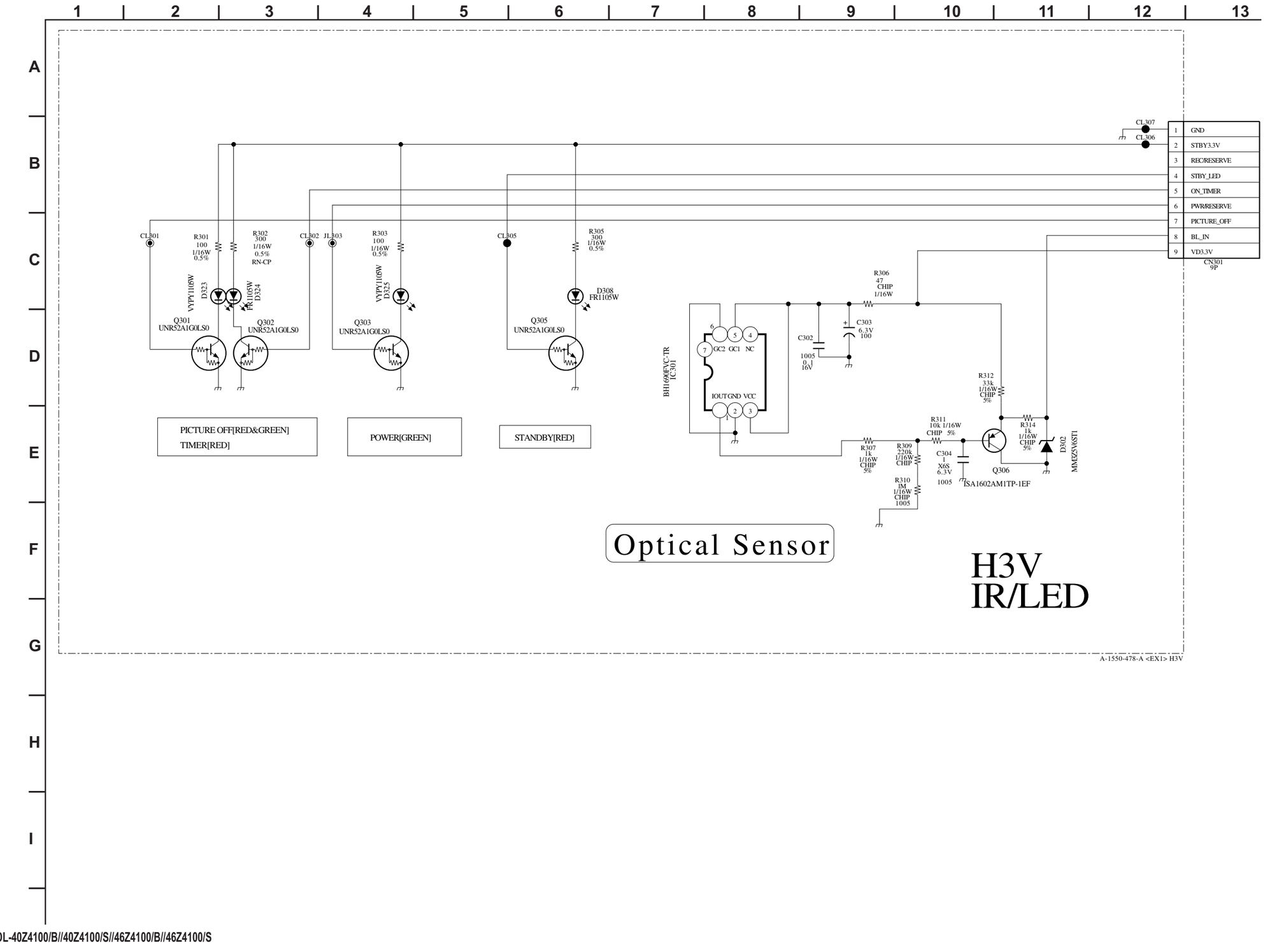


G4 [POWER]

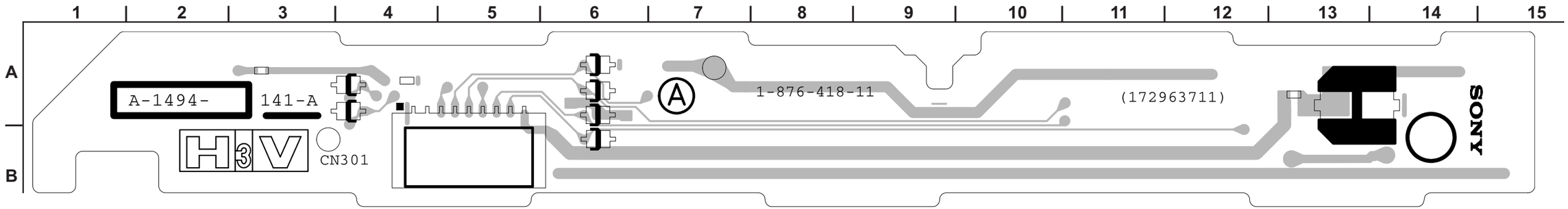
CONDUCTOR SIDE



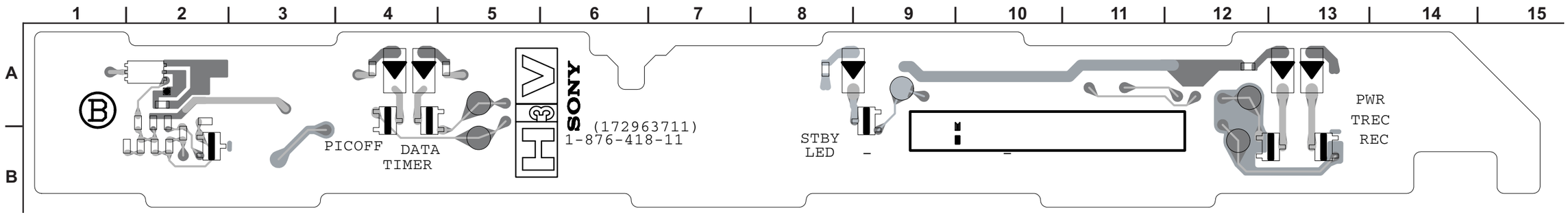
H3V BOARD SCHEMATIC DIAGRAM



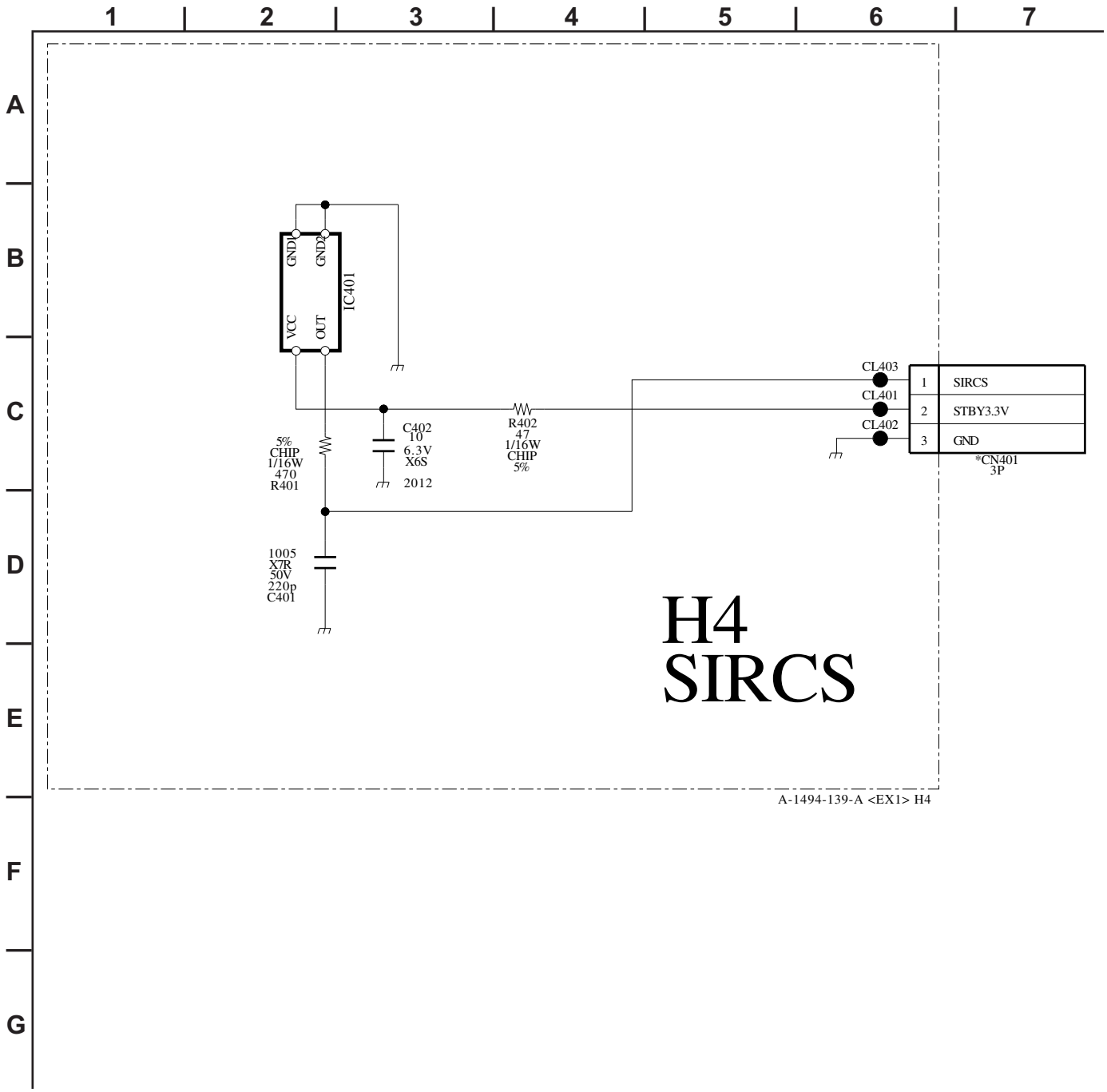
H3V [LED, IR]
COMPONENT SIDE



H3V [LED, IR]
CONDUCTOR SIDE



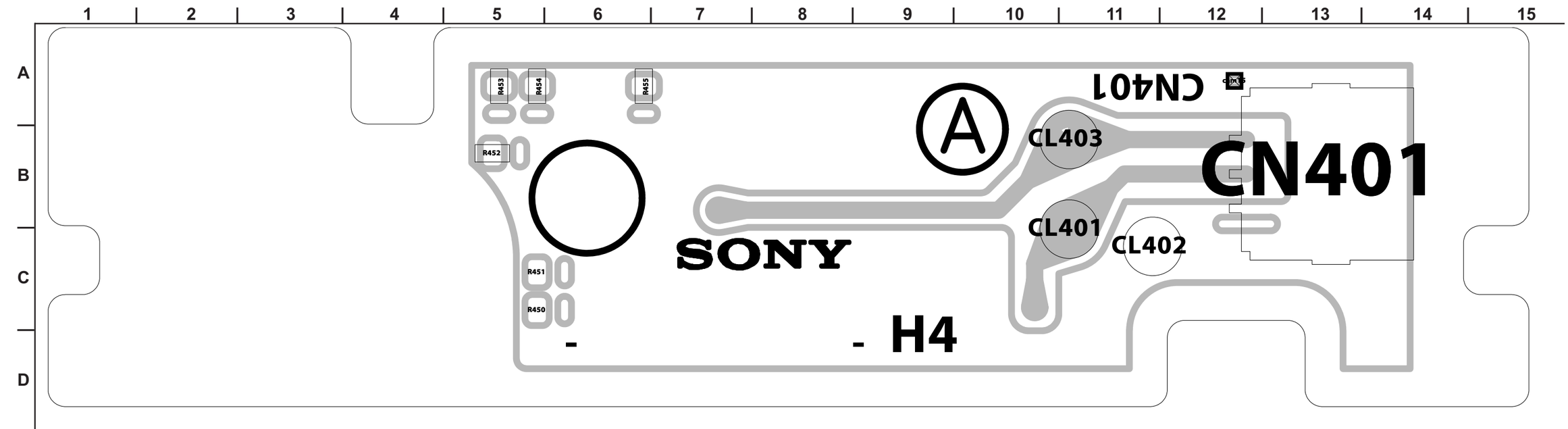
H4 BOARD SCHEMATIC DIAGRAM



H4

[SIRCS]

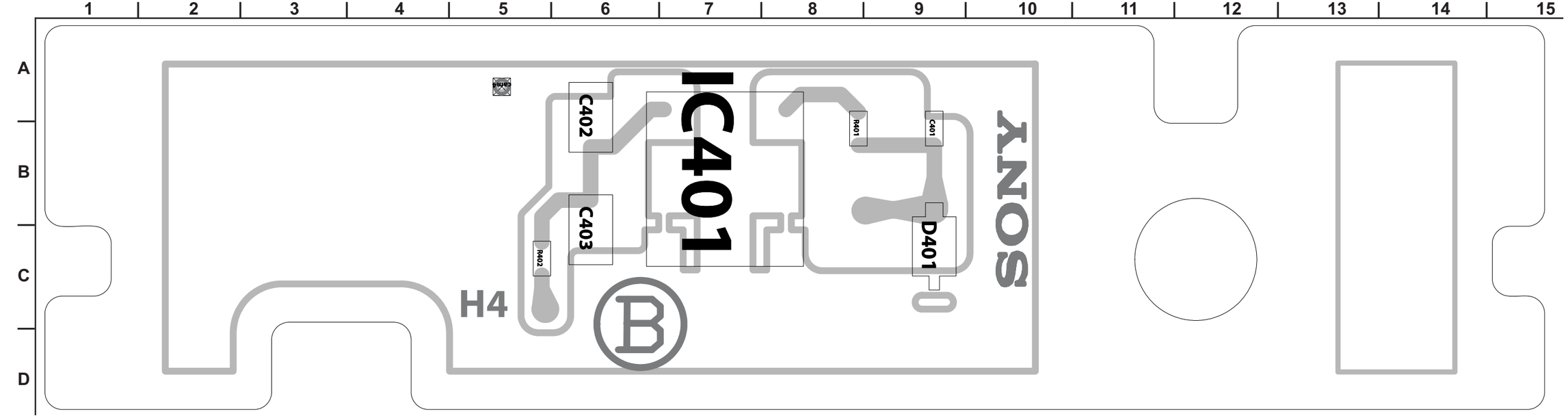
COMPONENT SIDE



H4

[SIRCS]

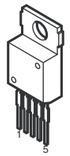
CONDUCTOR SIDE



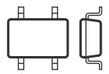
3-5. SEMICONDUCTORS

IC

BA00AST-V5

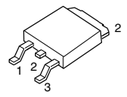


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

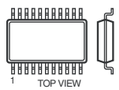


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

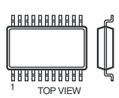


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



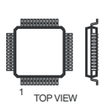
8Pin SOP

CD4052BNSR
FMS6418AM16X



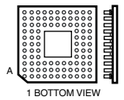
16Pin SOP

CXA2188Q-T4



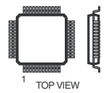
40Pin QFP

EM6A9320BI-5MG



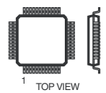
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



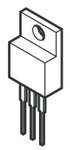
48Pin QFP

HD64F2378-12681-01

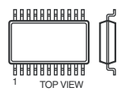


144Pin QFP

L88M05T-FA-TL

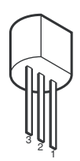


M52347FP-TE

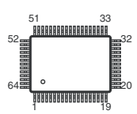


20Pin SOP

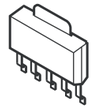
MM1431ATT



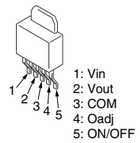
NJW1149AFH1



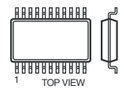
PQ1CY1032ZP



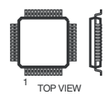
PQ1CZ41H2ZPH



RV5C387A-E2-FB

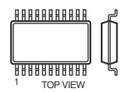


SII9993CTG100



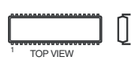
100Pin QFP

SN74LV132APWR
SN74LVC14APWR



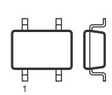
14Pin SOP

STR-A6169



8Pin DIP

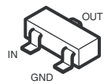
TK11819MTL



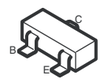
6Pin CHIP

TRANSISTOR

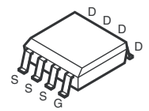
DTC114EU
DTC114EUAFT106



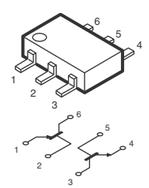
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



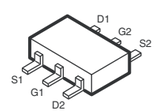
FDS6690A



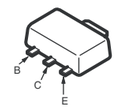
HN1B01FU-TE85R



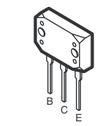
SSM6N15FU(TE85R)



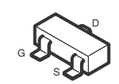
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

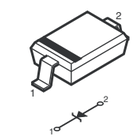


2SK2158-T2B

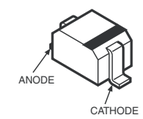


DIODE

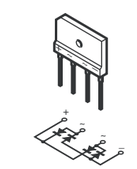
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



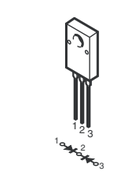
BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



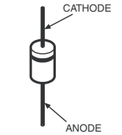
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



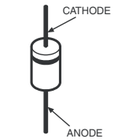
D10SC6M



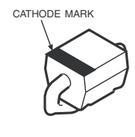
D1NL40-TA2
D1NL40-TR2
ERA22-08



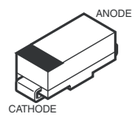
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



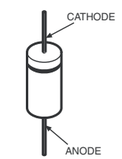
EC10QS-04
EC10QS04-TE12L5



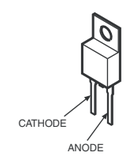
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B



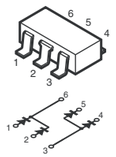
ERA22-08KFLB



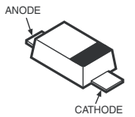
FSF05A60



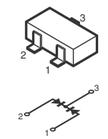
HN1D03FU-TE85L
HN1D03FU-TE85R



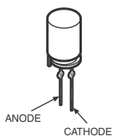
M1FM3



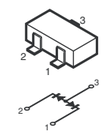
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



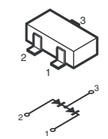
UDZSTE-1710B



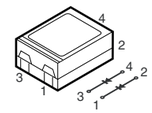
UMZ16NT106



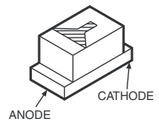
1PS302



SML-020MVT-T86



SML-310LTT86



SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

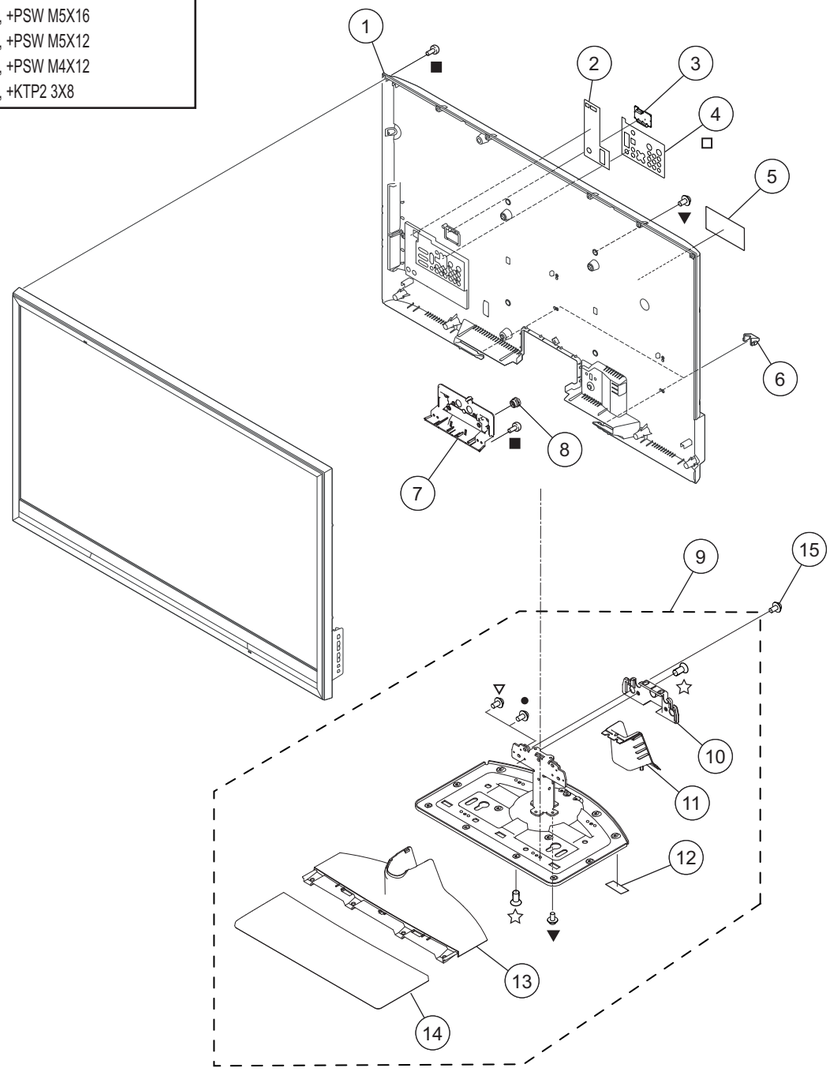
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-1. REAR COVER ASSEMBLY AND TABLE-TOP STAND ASSEMBLY

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	2-580-640-01	SCREW, +BVTP2 4X16
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
▼	2-580-608-01	SCREW, +PSW M5X16
▽	2-580-607-01	SCREW, +PSW M5X12
●	2-580-602-01	SCREW, +PSW M4X12
☆	2-580-644-01	SCREW, +KTP2 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	3-290-900-01	COVER, REAR (40)	
		(KDL-40Z4100/B & 40Z4100/S ONLY)	
1	3-290-909-01	COVER, REAR (46)	
		(KDL-46Z4100/B & 46Z4100/S ONLY)	
2	3-293-911-02	LABEL, TU	
		(US/CND MODELS ONLY)	
2	3-293-911-11	LABEL, TU	
		(MEX/LATIN AMERICA MODELS ONLY)	
3	3-297-324-01	COVER, ECS	
4	3-293-910-01	LABEL, REAR TERMINAL	
* 5	3-879-897-01	LABEL, INFORMATION	
		(KDL-440Z4100/B & 40Z4100/SUS/CND ONLY)	
* 5	4-000-897-01	LABEL, INFORMATION	
		(KDL-40Z4100/B & 40Z4100/S MEX/LATIN AMERICA ONLY)	
* 5	3-879-898-01	LABEL, INFORMATION	
		(KDL-46Z4100/B & 46Z4100/S US/CND ONLY)	
* 5	4-000-898-01	LABEL, INFORMATION	
		(KDL-46Z4100/B & 46Z4100/S MEX/LATIN AMERICA ONLY)	
6	3-875-287-01	SCREW, CAP	
7	3-290-894-01	COVER, UNDER (VSL)	
8	3-299-766-01	CATCHER	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
☛ 9	A-1526-339-A	TABLE-TOP STAND ASSY (ML-V)	[10-14]
		(KDL-40Z4100/B & 40Z4100/S ONLY)	
☛ 9	A-1527-498-A	TABLE-TOP STAND ASSY (L-V)	[10-14]
		(KDL-46Z4100/B & 46Z4100/S ONLY)	
10	3-290-812-01	COVER, EDGE (L/ML)	
11	3-290-811-02	COVER, USER (ML)	
		(KDL-40Z4100/B & 40Z4100/S ONLY)	
11	3-299-068-01	COVER, USER (L)	
		(KDL-46Z4100/B & 46Z4100/S ONLY)	
12	3-295-631-01	FOOT (15X20)	
13	3-290-913-11	COVER, NECK (ML)	
		(KDL-40Z4100/B & 40Z4100/S ONLY)	
13	3-299-067-01	COVER, NECK (L)	
		(KDL-46Z4100/B & 46Z4100/S ONLY)	
14	3-290-912-01	COVER, STAND (ML)	
		(KDL-40Z4100/B & 40Z4100/S ONLY)	
14	3-290-915-01	COVER, STAND (L)	
		(KDL-46Z4100/B & 46Z4100/S ONLY)	
☛ 15	2-580-608-01	SCREW, +PSW M5X16	
		(SCREWS TO ATTACH TABLE-TOP STAND TO TV)	
		For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.	
		CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets.	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

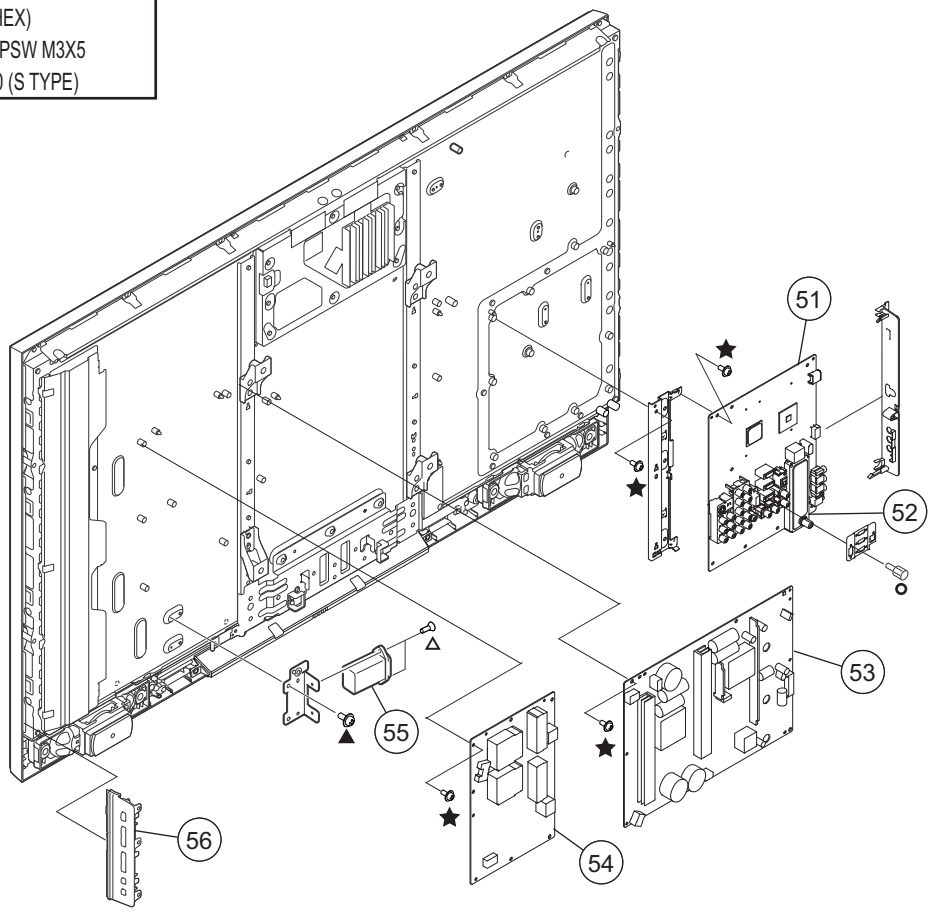
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-2. CHASSIS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

★	7-682-948-01	SCREW +PSW 3X8
o	4-635-966-01	SCREW (HEX)
▲	2-580-591-01	SCREW, +PSW M3X5
△	2-596-649-01	+KTT 3X10 (S TYPE)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	N/A	BU BOARD, COMPLETE (KDL-40Z4100/B & 40Z4100/S ONLY)	
		FOR ALL MAIN BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
51	N/A	BU BOARD, COMPLETE (KDL-46Z4100/B & 46Z4100/S ONLY)	
		FOR ALL MAIN BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
52	8-597-661-00	TUNER, FSS BTF-CA422T	
53	1-474-089-11	G4 BOARD, COMPLETE (POWER UNIT)	
54	A-1536-221-A	D3Z-40 BOARD, COMPLETE (KDL-40Z4100/B & 40Z4100/S ONLY)	
54	A-1536-222-A	D3Z-46 BOARD, COMPLETE (KDL-46Z4100/B & 46Z4100/S ONLY)	
⚠ 55	1-821-909-11	AC INLET	
56	1-480-703-12	SWITCH UNIT	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

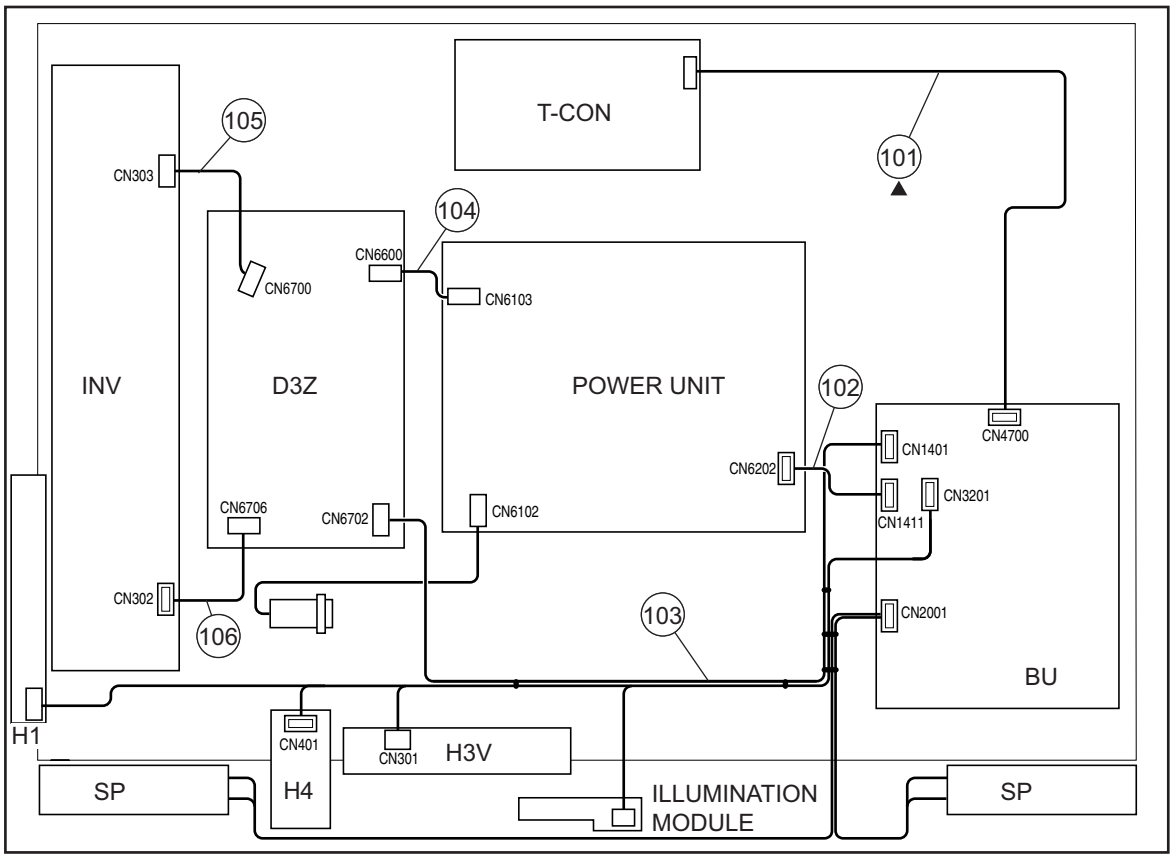
NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-3. CONNECTORS

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

▲	2-580-591-01	SCREW, (+)PSW M3X5

NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BU Board. Refer to Wire Dressing Illustration on Page 32 for KDL-40Z4100/B & 40Z4100/S models and on Page 52 for KDL-46Z4100/B & 46Z4100/S models.



REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
101	1-835-264-12	LEAD WIRE WITH CONNECTOR (LVDS) (KDL-40Z4100/B & 40Z4100/S ONLY)
101	1-835-265-12	LEAD WIRE WITH CONNECTOR (LVDS) (KDL-46Z4100/B & 46Z4100/S ONLY)
102	1-910-044-06	CONN ASSY, 13P (KDL-40Z4100/B & 40Z4100/S ONLY)
102	1-910-044-12	CONN ASSY, 13P (KDL-46Z4100/B & 46Z4100/S ONLY)
103	1-910-044-05	HARNESS ASSY, 30P (KDL-40Z4100/B & 40Z4100/S ONLY)
103	1-910-044-09	HARNESS ASSY, 30P (KDL-46Z4100/B & 46Z4100/S ONLY)
104	1-835-185-11	CONNECTOR ASSY
105	1-835-433-11	CONNECTOR ASSY, MDF61 (KDL-40Z4100/B & 40Z4100/S ONLY)
105	1-835-433-11	CONNECTOR ASSY, MDF61 (KDL-46Z4100/B & 46Z4100/S ONLY)
106	1-910-044-03	CONN ASSY, 7P (KDL-40Z4100/B & 40Z4100/S ONLY)
106	1-910-044-07	CONN ASSY, 9P (KDL-46Z4100/B & 46Z4100/S ONLY)

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

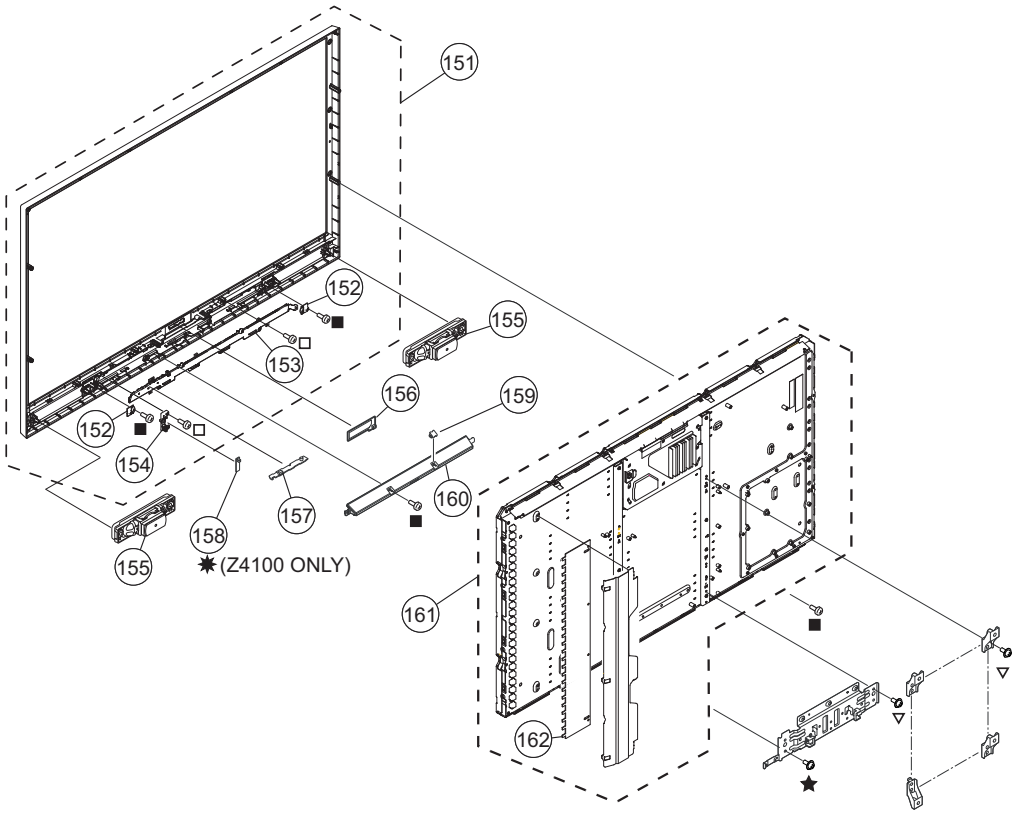
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-4. BEZEL ASSEMBLY AND LCD PANEL

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

■	2-580-640-01	SCREW, +BVTP2 4X16
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
▼	2-580-607-01	SCREW, +PSW M5X12
★	7-682-948-01	SCREW, +PSW 3X8
✸	3-252-830-01	SCREW (B3), (+) PWH TAPPING



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2189-754-1	BEZEL (40 B) ASSY (KDL-40Z4100/B ONLY)	[153-154}
151	X-2188-864-1	BEZEL (40 S) ASSY (KDL-40Z4100/S ONLY)	[153-154}
151	X-2189-755-1	BEZEL (46 B) ASSY (KDL-46Z4100/B ONLY)	[153-154}
151	X-2188-878-1	BEZEL (46 S) ASSY (KDL-46Z4100/S ONLY)	[153-154}
152	X-2189-347-1	BAFFLE ASSY (KDL-46Z4100/B & 46Z4100/S ONLY)	
* 153	3-290-898-01	CLEAR PANEL (40) (KDL-40Z4100/B & 40Z4100/S ONLY)	
* 153	3-290-907-01	CLEAR PANEL (46) (KDL-46Z4100/B & 46Z4100/S ONLY)	
154	3-290-897-01	GUIDE, IR	
155	1-826-875-11	LOUDSPEAKER (4.5X20CM)	

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
156	1-480-680-11	ILLUMINATION MODULE	
157	A-1550-478-A	H3V BOARD, MOUNTED	
158	A-1508-001-A	H4 BOARD, MOUNTED	
159	3-875-287-01	SCREW, CAP	
160	3-290-895-01	UNDER BAR	
☛ 161	N/A	LCD PANEL (40INCH FHD TFT) (KDL-40Z4100/B & 40Z4100/S ONLY)	[162]
☛		FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
☛ 161	N/A	LCD PANEL (46INCH FHD TFT) (KDL-46Z4100/B & 46Z4100/S ONLY)	[162]
☛		FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
☛ 162	N/A	BALANCER (ETC-INVERTER) MT BOARD	
☛		FOR ALL INVERTER BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

4-5. SCREW LEGEND

(Check the Sony Electronics Service Information website for any additional service related issues for this model.)

KDL-40Z4100/B & 40Z4100/S

	P/N	DISCRIPTION	REMARKS	TOTAL
■	2-580-640-01	SCREW, +BVTP2 4X16	REAR COVER-15 UNDER COVER-2 LCD/BEZEL-3 UNDER BAR-2	22
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	REAR COVER-2 IR GUIDE-2 CLEAR PANEL-3	7
▼	2-580-608-01	SCREW, +PSW M5X16	REAR COVER-4 TABLE-TOP STAND-4 STAND BASE-4	12
▽	2-580-607-01	SCREW, +PSW M5X12	VASA FRAME-4 BOTTOM FRAME-4 STAND-5	13
•	2-580-602-01	SCREW, +PSW M4X12	STAND-2	2
☆	2-580-644-01	SCREW, +KTP2 3X8	STAND-14 EDGE COVER-2	16
★	7-682-948-01	SCREW +PSW 3X8	BOTTOM FRAME-4 BU MOUNT PLT-3 G4-6 D3Z-6 BU-9	28
o	4-635-966-01	SCREW (HEX)	HDMI - 2	2
▲	2-580-591-01	SCREW, +PSW M3X5	LVDS-2 AC BRKT-2 GROUND WIRE-1 (KDL-40Z4100/S ONLY)	4 (5)
△	2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET - 2	2
✸	3-252-830-01	SCREW (B3), (+) PWH TAPPING	H3V-1 (KDL-40Z4100/B ONLY)	1

KDL-46Z4100/B & 46Z4100/S

	P/N	DISCRIPTION	REMARKS	TOTAL
■	2-580-640-01	SCREW, +BVTP2 4X16	REAR COVER-17 UNDER COVER-2 LCD/BEZEL-5 UNDER BAR-2 BAFFLE-2	28
□	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	REAR COVER-2 IR GUIDE-2 CLEAR PANEL-3	7
▼	2-580-608-01	SCREW, +PSW M5X16	REAR COVER-4 TABLE-TOP STAND-4 STAND BASE-4	12
▽	2-580-607-01	SCREW, +PSW M5X12	VASA FRAME-4 BOTTOM FRAME-4 STAND-5	13
•	2-580-602-01	SCREW, +PSW M4X12	STAND-2	2
☆	2-580-644-01	SCREW, +KTP2 3X8	STAND-14 EDGE COVER-2	16
★	7-682-948-01	SCREW +PSW 3X8	BOTTOM FRAME-4 BU MOUNT PLT-3 G4-6 D3Z-6 BU-9	28
o	4-635-966-01	SCREW (HEX)	HDMI - 2	2
▲	2-580-591-01	SCREW, +PSW M3X5	LVDS-2 AC BRKT-2 GROUND WIRE-1 (KDL-46Z4100/S ONLY)	4 (5)
△	2-596-649-01	+KTT 3X10 (S TYPE)	AC INLET - 2	2
✸	3-252-830-01	SCREW (B3), (+) PWH TAPPING	H3V-1 (KDL-46Z4100/B ONLY)	1

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

BU

RESISTORS
- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

When ordering parts by reference number, please include the board name.

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES
🔒	N/A	BU BOARD, COMPLETE (KDL-40Z4100/B & 40Z4100/S ONLY)	
☛		FOR ALL MAIN BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
🔒	N/A	BU BOARD, COMPLETE (KDL-46Z4100/B & 46Z4100/S ONLY)	
☛		FOR ALL MAIN BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
		CAPACITOR	
C1001	1-112-781-11	CERAMIC CHIP	1µF 10% 10V
C1002	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1003	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1004	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1005	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1052	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1053	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1101	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1102	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1103	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1104	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1201	1-112-066-11	CERAMIC CHIP	10µF 10% 10V
C1202	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V
C1203	1-100-905-11	CERAMIC CHIP	0.001µF 10% 50V
C1204	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V
C1210	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1211	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1212	1-100-905-11	CERAMIC CHIP	0.001µF 10% 50V
C1213	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1214	1-114-130-11	CERAMIC CHIP	1µF 10% 6.3V
C1215	1-100-905-11	CERAMIC CHIP	0.001µF 10% 50V
C1223	1-218-953-11	RES-CHIP	1K 5% 1/16W
C1226	1-100-767-21	ELECT CHIP	220µF 20% 16V
C1227	1-100-767-21	ELECT CHIP	220µF 20% 16V
C1230	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V
C1231	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V
C1301	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1302	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1303	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1304	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1305	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1306	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1307	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1308	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1309	1-114-325-11	CERAMIC CHIP	0.1µF 10% 25V
C1310	1-100-766-21	ELECT CHIP	47µF 20% 16V
C1401	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)
C1403	1-114-331-11	CERAMIC CHIP	4.7µF 10% 10V
C1405	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V
C1411	1-100-905-11	CERAMIC CHIP	0.001µF 10% 50V
C1420	1-100-912-11	CERAMIC CHIP	1µF 10% 25V
C1421	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V
C2001	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V
C2003	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V
C2004	1-112-777-11	CERAMIC CHIP	0.01µF 10% 25V
C2006	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)
C2008	1-100-916-11	CERAMIC CHIP	0.1µF 10% 16V
C2009	1-135-366-11	ELECT CHIP	100µF 20% 16V
C2010	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)
C2011	1-114-331-11	CERAMIC CHIP	4.7µF 10% 10V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2013	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2015	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2016	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2018	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2019	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2021	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2022	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2024	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2025	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2026	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C2027	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2028	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2029	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2030	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2031	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2032	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2033	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2034	1-135-366-11	ELECT CHIP	100µF	20%	16V
C2035	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2036	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C2037	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2038	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2039	1-114-354-11	CAP, CERAMIC	0.1MF X7R (1410)		
C2040	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2041	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2042	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C2043	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C2044	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2046	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2047	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2048	1-114-410-21	CERAMIC CHIP	680pF	2%	50V
C2049	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2050	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2051	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2052	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2053	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2054	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2055	1-112-065-11	CERAMIC CHIP	4.7µF	10%	16V
C2056	1-112-065-11	CERAMIC CHIP	4.7µF	10%	16V
C2057	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2059	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2060	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2061	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2062	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2063	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2064	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C2065	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2066	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2067	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2068	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2069	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2070	1-114-193-11	ELECT CHIP	470µF	20%	25V
C2071	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2072	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2073	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2076	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2077	1-100-764-21	ELECT CHIP	4.7µF	20%	25V
C2078	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2080	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2081	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2082	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2083	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C2084	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2085	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2086	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2087	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2088	1-114-193-11	ELECT CHIP	470µF	20%	25V
C2089	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2090	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2091	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C2092	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C2093	1-114-193-11	ELECT CHIP	470µF	20%	25V
C2096	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2097	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2098	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2099	1-165-818-91	CERAMIC CHIP	0.68µF	10%	25V
C2100	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2101	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2119	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2120	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2121	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2122	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2123	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C2124	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C2125	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2126	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2127	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C2128	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2129	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3001	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3002	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3003	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3004	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3006	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3008	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3009	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3012	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3013	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3014	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3015	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3016	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3021	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3022	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3023	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3024	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3025	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3026	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3027	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3030	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3031	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3032	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3033	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3202	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3203	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3205	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C3207	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3209	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3213	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3214	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3403	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C3502	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3503	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3506	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3509	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3512	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V
C3514	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C3515	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C3532	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3542	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4700	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4701	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C4702	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4703	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4704	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4705	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4706	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4707	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4708	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C4709	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4710	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4711	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4712	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4713	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4714	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4715	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4716	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4717	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4719	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C4720	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4721	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4722	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4723	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4724	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4725	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4728	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4734	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4739	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4740	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4741	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4744	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4746	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4748	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4749	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4750	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4751	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4752	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4753	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4754	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4756	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4758	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4760	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4762	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4764	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4765	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4766	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4767	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4769	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4776	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4777	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4780	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4784	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4785	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4786	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4787	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4788	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4900	1-135-366-11	ELECT CHIP	100µF	20%	16V
C4901	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4902	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4903	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4904	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C4905	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4906	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C4907	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4908	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4909	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4910	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4911	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4912	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4913	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4914	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4915	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4916	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4917	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4918	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C4919	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4920	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4921	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4922	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4923	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4925	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4926	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4928	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4929	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4930	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4931	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4932	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4933	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4934	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4935	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4936	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4937	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4938	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4939	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4940	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4941	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4942	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4943	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4944	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4945	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C4948	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C5002	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5005	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5006	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5008	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C5009	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5101	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5102	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C5131	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5132	1-114-353-11	CAP, CERAMIC	0.01MF X7R (1410)		
C5162	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5192	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5211	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5264	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5265	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C5266	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5267	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5302	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5303	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C5308	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5309	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5313	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5319	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5321	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5325	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7028	1-112-065-11	CERAMIC CHIP	4.7µF	10%	16V
C7030	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7037	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7038	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7042	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7043	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7045	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7046	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7047	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7048	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7049	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7050	1-164-878-11	CERAMIC CHIP	150pF	5%	50V
C7051	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7052	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7053	1-164-858-11	CERAMIC CHIP	22pF	5%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7054	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7055	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7056	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7057	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7058	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7059	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7060	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7061	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7062	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7063	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7064	1-164-938-11	CERAMIC CHIP	0.0015µF	10%	50V
C7065	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7066	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C7067	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7068	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7069	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7070	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7071	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7072	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7073	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7074	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7075	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7076	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7077	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7078	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7079	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7080	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7081	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7082	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7083	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7084	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7085	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7086	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7087	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7092	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7093	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7094	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7095	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7096	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7097	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7098	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7099	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7100	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7101	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7102	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7103	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7104	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7105	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7106	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7107	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7108	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7109	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7110	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7112	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7114	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7115	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7116	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7117	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7118	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7120	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7121	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7130	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7131	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7132	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7135	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7136	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7137	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7138	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7139	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7140	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7141	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7142	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7143	1-127-988-81	CERAMIC CHIP	0.015µF	10%	16V
C7144	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7145	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C7146	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C7147	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7148	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7149	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7150	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7151	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7152	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7153	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7154	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C7155	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C7156	1-114-214-81	CERAMIC CHIP	470pF	5%	50V
C7158	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7159	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7160	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7161	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7162	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7163	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7164	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7165	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7166	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7167	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7168	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7174	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7175	1-100-911-11	CERAMIC CHIP	4.7µF	10%	25V
C7176	1-114-183-11	ELECT CHIP	1000µF	20%	6.3V
C7177	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7179	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7180	1-114-334-11	CERAMIC CHIP	10µF	10%	25V
C7182	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7183	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7184	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7200	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7201	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7202	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7203	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7204	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7205	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7206	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7207	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7208	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7209	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7210	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7211	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7212	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7213	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7215	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7216	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7217	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7218	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7219	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7220	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7221	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7223	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7224	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7225	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7226	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7227	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7228	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7229	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7230	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7231	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7232	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7233	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7234	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7235	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7236	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7237	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7238	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7239	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7240	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7241	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7242	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7243	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7244	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7245	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7246	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7248	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7249	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7250	1-112-786-11	ELECT CHIP	330µF	20%	4V
C7251	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7252	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7253	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7254	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7255	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7256	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7257	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7258	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7259	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7260	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7261	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C7262	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7264	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7265	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7266	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7268	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7269	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7271	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7273	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7275	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7279	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7283	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7284	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7285	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7289	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7290	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7291	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7292	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7293	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7296	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7298	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7299	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7300	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7301	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7303	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7305	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7307	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7309	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7310	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7311	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7312	1-100-767-21	ELECT CHIP	220µF	20%	16V
C7313	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7314	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7316	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7317	1-112-786-11	ELECT CHIP	330µF	20%	4V
C7400	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7401	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7402	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7403	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7404	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7405	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7407	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7408	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7409	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7410	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7411	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7412	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7413	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7414	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7415	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7416	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7417	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7418	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7419	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7421	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V
C7422	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7423	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7425	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7504	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7505	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C7506	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7513	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7514	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7515	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7516	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7517	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7518	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7519	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7520	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7521	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7522	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7523	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7524	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7525	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7526	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7527	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7528	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7529	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7530	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7531	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7532	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7533	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7534	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7535	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7536	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7537	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7538	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7539	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7540	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7541	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7542	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7543	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7544	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7545	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7546	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7548	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7550	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7551	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7552	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7553	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7554	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7555	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7557	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7560	1-112-066-11	CERAMIC CHIP	10µF	10%	10V
C7561	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C7562	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C7565	1-112-778-11	CERAMIC CHIP	0.022µF	10%	25V
C7566	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7567	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7573	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7574	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7575	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7576	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
C7600	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7601	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7602	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7603	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7605	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7607	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7609	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7611	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7615	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7619	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7626	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7627	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7628	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7630	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7631	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7632	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7633	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7635	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7636	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7638	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C7647	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7648	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7649	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7655	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7658	1-114-320-11	CERAMIC CHIP	0.22µF	10%	6.3V
C7661	1-100-766-21	ELECT CHIP	47µF	20%	16V
C7662	1-112-775-11	CERAMIC CHIP	0.0022µF	10%	50V
C7665	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C7667	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7668	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7671	1-100-766-21	ELECT CHIP	47µF	20%	16V
C7675	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7676	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7677	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7678	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7679	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7680	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7681	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7688	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7689	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7697	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7698	1-135-366-11	ELECT CHIP	100µF	20%	16V
C7699	1-112-001-81	CERAMIC CHIP	270pF	5%	50V
C7700	1-100-766-21	ELECT CHIP	47µF	20%	16V
C7703	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7704	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7705	1-114-183-11	ELECT CHIP	1000µF	20%	6.3V
C7707	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7709	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7710	1-100-769-21	ELECT CHIP	470µF	20%	16V
C7712	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7713	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C7714	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7716	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7717	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7718	1-100-769-21	ELECT CHIP	470µF	20%	16V
C7719	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7721	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7722	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7726	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C7727	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C7728	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C7802	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7803	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7804	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7850	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7851	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7852	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7853	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7854	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7855	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C7860	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7861	1-112-781-11	CERAMIC CHIP	1µF	10%	10V

CONNECTOR

*	CN1401	1-819-475-11	HEADER ASSEMBLY FOR PWB	
	CN1411	1-819-797-11	HEADER ASSEMBLY FOR PWB	
*	CN2001	1-819-461-11	HEADER ASSEMBLY FOR PWB	
	CN3001	1-779-331-51	CONNECTOR, FFC/FPC	14P

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BU

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
*	CN3201	1-820-235-11	HEADER ASSEMBLY	30P	
	CN3251	1-779-936-51	CONNECTOR, FFC/FPC	18P	
	CN7507	1-819-866-11	CONNECTOR, USB (A)		
	CN7850	1-816-113-21	CONNECTOR	15P	
		DIODE			
	D1410	6-501-717-01	DIODE	MAZ8039G0LS0	
	D1421	6-501-774-01	DIODE	MAZ8150G0LS0	
⚠	D2000	6-501-732-01	DIODE	MAZ8056G0LS0	
⚠	D2001	6-501-732-01	DIODE	MAZ8056G0LS0	
⚠	D2002	6-501-732-01	DIODE	MAZ8056G0LS0	
⚠	D2003	6-501-732-01	DIODE	MAZ8056G0LS0	
	D2005	6-501-732-01	DIODE	MAZ8056G0LS0	
	D4701	8-719-071-34	DIODE	RB521S-30-TE61	
	D5003	6-502-318-01	DIODE	MA4J1130GLS0	
	D5101	6-502-318-01	DIODE	MA4J1130GLS0	
	D5131	6-502-318-01	DIODE	MA4J1130GLS0	
	D5161	6-502-318-01	DIODE	MA4J1130GLS0	
	D5191	6-502-318-01	DIODE	MA4J1130GLS0	
	D5291	6-500-813-01	DIODE	MA2SD32008S0	
	D5292	6-501-817-01	DIODE	MA2J1110GLS0	
	D5293	6-502-318-01	DIODE	MA4J1130GLS0	
	D5294	6-502-318-01	DIODE	MA4J1130GLS0	
	D7017	6-501-717-01	DIODE	MAZ8039G0LS0	
	D7018	6-501-817-01	DIODE	MA2J1110GLS0	
	D7101	6-501-740-01	DIODE	MAZ8068G0LS0	
	D7132	6-501-657-01	DIODE	MA24D5000BS0	
	D7500	8-719-053-07	DIODE	SML-310MTT86	
	D7600	6-500-813-01	DIODE	MA2SD32008S0	
		FUSE			
⚠	F1422	1-576-933-21	FUSE	5A	24V
⚠	F2000	1-576-913-11	FUSE	1.6A	36V
⚠	F2001	1-576-933-21	FUSE	5A	24V
⚠	F7003	1-576-933-21	FUSE	5A	24V
⚠	F7005	1-576-913-11	FUSE	1.6A	36V
⚠	F7006	1-576-913-11	FUSE	1.6A	36V
		FERRITE BEAD			
	FB1202	1-216-864-11	SHORT CHIP		
	FB1203	1-216-864-11	SHORT CHIP		
	FB1301	1-400-180-21	FERRITE	0µH	
	FB1401	1-500-922-11	FERRITE	0µH	
	FB1402	1-500-922-11	FERRITE	0µH	
	FB1403	1-400-180-21	FERRITE	0µH	
	FB2000	1-400-089-21	FERRITE	0µH	
	FB2001	1-400-089-21	FERRITE	0µH	
	FB2002	1-400-089-21	FERRITE	0µH	
	FB2003	1-400-089-21	FERRITE	0µH	
	FB3001	1-400-180-21	FERRITE	0µH	
⚠	FB3201	1-500-922-11	FERRITE	0µH	
⚠	FB3202	1-500-922-11	FERRITE	0µH	
	FB3203	1-500-922-11	FERRITE	0µH	
⚠	FB3204	1-500-922-11	FERRITE	0µH	
	FB4703	1-400-180-21	FERRITE	0µH	
	FB4706	1-400-180-21	FERRITE	0µH	
	FB4707	1-400-180-21	FERRITE	0µH	
	FB4708	1-400-180-21	FERRITE	0µH	
	FB4710	1-469-669-21	FERRITE	0µH	
	FB4900	1-400-180-21	FERRITE	0µH	
⚠	FB4901	1-400-462-21	FERRITE	0µH	
	FB4902	1-400-180-21	FERRITE	0µH	
	FB4903	1-400-462-21	FERRITE	0µH	
	FB5001	1-216-864-11	SHORT CHIP		
	FB5002	1-216-864-11	SHORT CHIP		
	FB5003	1-216-864-11	SHORT CHIP		
	FB5004	1-400-180-21	FERRITE	0µH	
	FB7007	1-469-669-21	FERRITE	0µH	
⚠	FB7201	1-400-180-21	FERRITE	0µH	
⚠	FB7203	1-400-180-21	FERRITE	0µH	
⚠	FB7205	1-400-180-21	FERRITE	0µH	
⚠	FB7207	1-400-180-21	FERRITE	0µH	
	FB7400	1-400-180-21	FERRITE	0µH	
	FB7401	1-400-180-21	FERRITE	0µH	
	FB7504	1-400-089-21	FERRITE	0µH	
	FB7505	1-400-179-21	FERRITE	0µH	
	FB7509	1-400-089-21	FERRITE	0µH	
	FB7510	1-400-089-21	FERRITE	0µH	
	FB7511	1-400-089-21	FERRITE	0µH	
	FB7512	1-400-179-21	FERRITE	0µH	
	FB7513	1-400-179-21	FERRITE	0µH	
	FB7514	1-400-179-21	FERRITE	0µH	
	FB7515	1-400-179-21	FERRITE	0µH	
	FB7520	1-400-089-21	FERRITE	0µH	
	FB7521	1-400-179-21	FERRITE	0µH	
	FB7522	1-400-179-21	FERRITE	0µH	
	FB7611	1-400-834-11	FERRITE	0µH	
	FB7612	1-500-922-11	FERRITE	0µH	

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BU

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	FB7613	1-400-834-11	FERRITE	0µH
	FB7614	1-400-834-11	FERRITE	0µH
⚠	FB7850	1-400-834-11	FERRITE	0µH
	FB7860	1-400-834-11	FERRITE	0µH
		FILTER		
	FL3001	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4700	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4701	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4702	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4703	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4705	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4706	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL4707	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5101	1-456-844-11	INDUCTOR	0µH
	FL5102	1-456-844-11	INDUCTOR	0µH
	FL5131	1-456-844-11	INDUCTOR	0µH
	FL5132	1-456-844-11	INDUCTOR	0µH
	FL5161	1-456-844-11	INDUCTOR	0µH
	FL5162	1-456-844-11	INDUCTOR	0µH
	FL5191	1-456-844-11	INDUCTOR	0µH
	FL5192	1-456-844-11	INDUCTOR	0µH
	FL5261	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5262	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5263	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL5264	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7200	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7201	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7202	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7500	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7600	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
	FL7601	1-234-939-21	FILTER, EMI REMOVAL (SMD)	
		IC		
	IC1201	6-712-525-01	IC	MIC2005-0.8YM6TR
	IC2000	6-706-489-01	IC	TC7SH32FU(T5RSOYJF)
⚠	IC2005	6-710-904-01	IC	TPA3100D2PHPR
	IC3001	6-708-219-01	IC	MB91305PMC-G-BNDE1
	IC3002	6-703-175-01	IC	PST3629UL
	IC3003	6-710-121-01	IC	M24256-BWMN6TP(A)
	IC3004	6-708-050-01	IC	S29AL016D70TFI010
	IC3201	6-712-419-01	IC	74AHC132PW-118
	IC3501	6-709-512-01	IC	S-1132B18-M5T1G
	IC3502	6-711-999-01	IC	MM3286EFBE

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC3503	6-709-517-01	IC	S-35390A-J8T1G
	IC4701	8-759-592-44	IC	TC7SZ04FU(TE85R)
	IC4704	6-706-482-01	IC	TC7SH00FU(T5RSOYJF)
	IC4900	6-711-262-01	IC	HYB18TC256160BF-3S
	IC4901	6-711-262-01	IC	HYB18TC256160BF-3S
	IC5000	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5001	6-708-132-01	IC	74LVC14APW
	IC5101	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5131	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5161	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5191	6-710-820-01	IC	S-24CS02AFJ-TB-G
	IC5200	6-712-678-01	IC	AD8197B-ASTZ
	IC5211	6-708-758-01	IC	PCA9517DP.118
	IC5251	8-759-564-91	IC	74LVC08APW
	IC7000	6-713-003-01	IC	215-0684004-00
	IC7005	6-703-708-01	IC	LM2903DT
⚠	IC7006	6-709-075-01	IC	TPS5124DBTRG4
⚠	IC7007	6-709-075-01	IC	TPS5124DBTRG4
	IC7130	6-703-175-01	IC	PST3629UL
⚠	IC7131	6-709-075-01	IC	TPS5124DBTRG4
	IC7132	6-704-407-01	IC	PQ1CZ41H2ZPH
	IC7200	6-703-175-01	IC	PST3629UL
	IC7400	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
	IC7403	6-702-688-01	IC	M24C64-WMN6T(B)
	IC7405	6-808-090-01	IC	M25P40-VMN6TPSO
	IC7500	6-710-840-01	IC	AK5358AET-E2
⚠	IC7501	6-711-288-01	IC	MIC2005-0.5YM6TR
⚠	IC7502	6-711-288-01	IC	MIC2005-0.5YM6TR
	IC7503	6-712-665-01	IC	ISP1504ABS
	IC7504	6-710-929-01	IC	LAN8700C-AEZG-TR
	IC7600	8-759-338-95	IC	NJM2903V(TE2)
	IC7860	6-712-502-01	IC	74ALVC574PW-118
		JACK		
	J1051	1-821-115-11	PHONO JACK (RIGHT ANGLE)	
	J1101	1-821-880-11	PHONO JACK	10P
	J5101	1-821-906-12	HDMI CONNECTOR	
	J5102	1-821-906-12	HDMI CONNECTOR	
	J5103	1-821-906-12	HDMI CONNECTOR	
		COIL		
	L2001	1-400-179-21	FERRITE	0µH
	L2002	1-469-555-21	INDUCTOR	10µH
	L2004	1-457-429-11	INDUCTOR	22µH
	L2005	1-457-429-11	INDUCTOR	22µH
	L2006	1-457-429-11	INDUCTOR	22µH

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BU

REF. NO.	PART NO.	DESCRIPTION	VALUES
L2007	1-457-429-11	INDUCTOR	22µH
L7002	1-400-325-11	INDUCTOR	5.6µH
L7003	1-424-922-21	INDUCTOR	10µH
L7004	1-400-281-11	INDUCTOR	10µH
L7005	1-400-325-11	INDUCTOR	5.6µH
L7006	1-416-740-11	INDUCTOR	10µH
L7130	1-400-325-11	INDUCTOR	5.6µH
L7131	1-400-193-11	INDUCTOR	3.3µH
L7132	1-481-081-11	INDUCTOR	47µH
L7500	1-456-984-11	INDUCTOR	0µH
L7501	1-456-984-11	INDUCTOR	0µH
L7610	1-469-555-21	INDUCTOR	10µH
L7611	1-412-972-31	INDUCTOR	0.27µH
L7612	1-412-972-31	INDUCTOR	0.27µH
L7613	1-469-555-21	INDUCTOR	10µH
L7614	1-469-555-21	INDUCTOR	10µH
⚠ L7617	1-469-555-21	INDUCTOR	10µH
L7620	1-469-555-21	INDUCTOR	10µH
L7622	1-469-555-21	INDUCTOR	10µH

IC LINK

PS5000	1-576-646-11	FUSE	0.5A 50V

TRANSISTOR

Q1401	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
Q1423	6-550-369-01	TRANSISTOR	TPC8109(TE12L)
Q1424	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q2000	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q2004	6-551-943-01	TRANSISTOR	RT3XBBM-T111-1
Q2007	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q3004	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
Q3007	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q3201	6-551-939-01	TRANSISTOR	RT3TAAM-TP-1
Q3251	6-551-824-01	TRANSISTOR	UNR51A5G0LS0
Q3252	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
Q3415	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q5101	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q5163	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q5265	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q7012	6-709-438-01	TRANSISTOR	FDS6986AS
⚠ Q7013	6-709-438-01	TRANSISTOR	FDS6986AS
⚠ Q7014	6-709-438-01	TRANSISTOR	FDS6986AS
⚠ Q7015	6-709-438-01	TRANSISTOR	FDS6986AS
Q7101	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7130	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7131	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7132	6-709-438-01	TRANSISTOR	FDS6986AS
Q7133	6-551-580-01	TRANSISTOR	FDQ7238AS
Q7600	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7601	6-551-775-01	TRANSISTOR	2SA2122G0LS0
Q7602	6-551-776-01	TRANSISTOR	2SC5950G0LS0
Q7604	6-551-775-01	TRANSISTOR	2SA2122G0LS0
Q7605	6-551-775-01	TRANSISTOR	2SA2122G0LS0

RESISTOR

R1004	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1005	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1006	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1007	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1008	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1009	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1010	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1011	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1012	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1021	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1023	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1025	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1051	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1052	1-218-941-81	RES-CHIP	100	5%	1/16W
R1053	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1054	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1055	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1056	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1057	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1101	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1102	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1103	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1104	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1105	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1106	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1107	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1108	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1111	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1113	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1115	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1117	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1119	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1121	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1201	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1202	1-218-981-91	RES-CHIP	220K	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1203	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1204	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1205	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1206	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1207	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1208	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1209	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R1211	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1212	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1214	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1215	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1220	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R1301	1-218-941-81	RES-CHIP	100	5%	1/16W
R1302	1-218-941-81	RES-CHIP	100	5%	1/16W
R1303	1-218-941-81	RES-CHIP	100	5%	1/16W
R1304	1-218-941-81	RES-CHIP	100	5%	1/16W
R1305	1-218-941-81	RES-CHIP	100	5%	1/16W
R1306	1-218-941-81	RES-CHIP	100	5%	1/16W
R1307	1-218-941-81	RES-CHIP	100	5%	1/16W
R1308	1-218-941-81	RES-CHIP	100	5%	1/16W
R1313	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1314	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1315	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1316	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1317	1-218-941-81	RES-CHIP	100	5%	1/16W
R1410	1-218-990-81	SHORT CHIP			
R1411	1-218-990-81	SHORT CHIP			
R1412	1-216-864-11	SHORT CHIP			
R1413	1-216-295-91	SHORT CHIP			
R1415	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1416	1-218-941-81	RES-CHIP	100	5%	1/16W
R1418	1-208-947-11	METAL CHIP	330K	0.50%	1/16W
R1420	1-218-983-11	RES-CHIP	330K	5%	1/16W
R1421	1-218-971-11	RES-CHIP	33K	5%	1/16W
R2006	1-218-990-81	SHORT CHIP			
R2008	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2009	1-218-990-81	SHORT CHIP			
R2022	1-218-945-11	RES-CHIP	220	5%	1/16W
R2023	1-218-945-11	RES-CHIP	220	5%	1/16W
R2024	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2025	1-218-990-81	SHORT CHIP			
R2032	1-220-199-81	RES-CHIP	24K	5%	1/16W
R2035	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2044	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2065	1-218-990-81	SHORT CHIP			
R2066	1-218-990-81	SHORT CHIP			
R2093	1-218-941-11	RES-CHIP	100	5%	1/16W
R2102	1-218-990-81	SHORT CHIP			
R2103	1-218-990-81	SHORT CHIP			
R2109	1-218-990-81	SHORT CHIP			
R2110	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2113	1-218-990-81	SHORT CHIP			
R2115	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3002	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3005	1-218-990-81	SHORT CHIP			
R3010	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3011	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R3012	1-218-941-81	RES-CHIP	100	5%	1/16W
R3013	1-218-945-11	RES-CHIP	220	5%	1/16W
R3014	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3016	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3018	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3020	1-218-941-81	RES-CHIP	100	5%	1/16W
R3021	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R3022	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3023	1-218-990-81	SHORT CHIP			
R3025	1-218-949-11	RES-CHIP	470	5%	1/16W
R3027	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3035	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3036	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3038	1-218-990-81	SHORT CHIP			
R3205	1-218-941-81	RES-CHIP	100	5%	1/16W
R3210	1-218-945-11	RES-CHIP	220	5%	1/16W
R3252	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R3401	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R3402	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R3403	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R3411	1-218-977-11	RES-CHIP	100K	5%	1/16W
R3420	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3505	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3506	1-218-990-81	SHORT CHIP			
R4701	1-218-937-11	RES-CHIP	47	5%	1/16W
R4702	1-218-937-11	RES-CHIP	47	5%	1/16W
R4703	1-218-937-11	RES-CHIP	47	5%	1/16W
R4704	1-218-937-11	RES-CHIP	47	5%	1/16W
R4705	1-218-937-11	RES-CHIP	47	5%	1/16W
R4706	1-218-937-11	RES-CHIP	47	5%	1/16W
R4707	1-218-989-11	RES-CHIP	1M	5%	1/16W
R4709	1-216-864-11	SHORT CHIP			
R4710	1-218-990-81	SHORT CHIP			

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4713	1-216-864-11	SHORT CHIP			
R4714	1-218-937-11	RES-CHIP	47	5%	1/16W
R4716	1-216-864-11	SHORT CHIP			
R4717	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4718	1-216-864-11	SHORT CHIP			
R4720	1-218-990-81	SHORT CHIP			
R4726	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4727	1-400-177-21	FERRITE	0µH		
R4729	1-218-937-11	RES-CHIP	47	5%	1/16W
R4730	1-218-937-11	RES-CHIP	47	5%	1/16W
R4731	1-218-937-11	RES-CHIP	47	5%	1/16W
R4732	1-216-864-11	SHORT CHIP			
R4733	1-400-177-21	FERRITE	0µH		
R4738	1-216-864-11	SHORT CHIP			
R4747	1-218-933-11	RES-CHIP	22	5%	1/16W
R4748	1-218-933-11	RES-CHIP	22	5%	1/16W
R4749	1-218-933-11	RES-CHIP	22	5%	1/16W
R4750	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4818	1-218-990-81	SHORT CHIP			
R4900	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4901	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4902	1-218-933-11	RES-CHIP	22	5%	1/16W
R4903	1-218-929-11	RES-CHIP	10	5%	1/16W
R4904	1-218-929-11	RES-CHIP	10	5%	1/16W
R4905	1-218-933-11	RES-CHIP	22	5%	1/16W
R4906	1-218-947-11	RES-CHIP	330	5%	1/16W
R4907	1-218-947-11	RES-CHIP	330	5%	1/16W
R4908	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4909	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4910	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4911	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R5000	1-216-864-11	SHORT CHIP			
R5001	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5003	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5005	1-211-990-11	METAL CHIP	75	0.50%	1/10W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W
R5101	1-218-929-11	RES-CHIP	10	5%	1/16W
R5102	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5104	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5107	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5108	1-218-941-81	RES-CHIP	100	5%	1/16W
R5131	1-218-929-11	RES-CHIP	10	5%	1/16W
R5132	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5133	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5137	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5172	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5176	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5177	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5178	1-218-929-11	RES-CHIP	10	5%	1/16W
R5202	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5206	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R5207	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5208	1-218-929-11	RES-CHIP	10	5%	1/16W
R5300	1-218-970-11	RES-CHIP	27K	5%	1/16W
R5302	1-218-945-11	RES-CHIP	220	5%	1/16W
R5306	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5307	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5308	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5309	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R5315	1-218-990-81	SHORT CHIP			
R5316	1-218-990-81	SHORT CHIP			
R5317	1-218-990-81	SHORT CHIP			
R5318	1-218-990-81	SHORT CHIP			
R5320	1-218-990-81	SHORT CHIP			
R5321	1-218-990-81	SHORT CHIP			
R5322	1-218-990-81	SHORT CHIP			
R5323	1-218-990-81	SHORT CHIP			
R7052	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7053	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7060	1-216-821-11	METAL CHIP	1K	5%	1/10W
R7061	1-216-818-11	METAL CHIP	560	5%	1/10W
R7062	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R7063	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7064	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7065	1-208-955-11	METAL CHIP	680K	0.50%	1/16W
R7069	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7070	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R7071	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7072	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7073	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7074	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7075	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7076	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7077	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7078	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7079	1-208-947-11	METAL CHIP	330K	0.50%	1/16W
R7080	1-208-715-11	METAL CHIP	22K	0.50%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7081	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7082	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7083	1-218-941-81	RES-CHIP	100	5%	1/16W
R7084	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7085	1-218-941-81	RES-CHIP	100	5%	1/16W
R7086	1-218-941-81	RES-CHIP	100	5%	1/16W
R7087	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7088	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7089	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R7090	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7091	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7092	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7093	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7094	1-218-937-11	RES-CHIP	47	5%	1/16W
R7095	1-218-937-11	RES-CHIP	47	5%	1/16W
R7096	1-218-937-11	RES-CHIP	47	5%	1/16W
R7097	1-218-937-11	RES-CHIP	47	5%	1/16W
R7098	1-218-990-81	SHORT CHIP			
R7099	1-218-990-81	SHORT CHIP			
R7100	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7101	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7102	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7103	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7104	1-218-990-81	SHORT CHIP			
R7105	1-218-990-81	SHORT CHIP			
R7106	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7107	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7108	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7109	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7114	1-218-949-11	RES-CHIP	470	5%	1/16W
R7118	1-216-864-11	SHORT CHIP			
R7130	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7131	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7132	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7133	1-218-990-81	SHORT CHIP			
R7134	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7136	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7138	1-218-937-11	RES-CHIP	47	5%	1/16W
R7140	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7141	1-208-939-11	METAL CHIP	150K	0.50%	1/16W
R7142	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7143	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7144	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7145	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R7146	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7147	1-218-941-81	RES-CHIP	100	5%	1/16W
R7148	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7149	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7150	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7151	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R7152	1-218-937-11	RES-CHIP	47	5%	1/16W
R7153	1-218-937-11	RES-CHIP	47	5%	1/16W
R7154	1-218-990-81	SHORT CHIP			
R7155	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7156	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7157	1-218-990-81	SHORT CHIP			
R7158	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7159	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7160	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R7167	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7171	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7172	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R7173	1-216-864-11	SHORT CHIP			
R7174	1-218-990-81	SHORT CHIP			
R7175	1-218-990-81	SHORT CHIP			
R7176	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7200	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7204	1-218-941-81	RES-CHIP	100	5%	1/16W
R7205	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7206	1-218-990-81	SHORT CHIP			
R7207	1-218-933-11	RES-CHIP	22	5%	1/16W
R7208	1-218-990-81	SHORT CHIP			
R7212	1-218-990-81	SHORT CHIP			
R7261	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R7400	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7401	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7404	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7407	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7411	1-218-938-11	RES-CHIP	56	5%	1/16W
R7412	1-218-938-11	RES-CHIP	56	5%	1/16W
R7413	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7443	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7504	1-218-990-81	SHORT CHIP			
R7505	1-218-941-81	RES-CHIP	100	5%	1/16W
R7506	1-218-990-81	SHORT CHIP			
R7507	1-218-941-81	RES-CHIP	100	5%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7508	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R7510	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7511	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7512	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7515	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7521	1-218-941-81	RES-CHIP	100	5%	1/16W
R7523	1-218-941-81	RES-CHIP	100	5%	1/16W
R7527	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7529	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7533	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7535	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7536	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7539	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7541	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7543	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7544	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7545	1-218-990-81	SHORT CHIP			
R7547	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7548	1-218-929-11	RES-CHIP	10	5%	1/16W
R7549	1-218-929-11	RES-CHIP	10	5%	1/16W
R7550	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7552	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7555	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7556	1-218-935-11	RES-CHIP	33	5%	1/16W
R7560	1-218-935-11	RES-CHIP	33	5%	1/16W
R7561	1-218-935-11	RES-CHIP	33	5%	1/16W
R7562	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R7565	1-218-929-11	RES-CHIP	10	5%	1/16W
R7567	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7568	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7573	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7574	1-218-929-11	RES-CHIP	10	5%	1/16W
R7575	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R7576	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R7577	1-218-941-11	RES-CHIP	100	5%	1/16W
R7579	1-218-941-11	RES-CHIP	100	5%	1/16W
R7580	1-218-941-11	RES-CHIP	100	5%	1/16W
R7581	1-218-941-11	RES-CHIP	100	5%	1/16W
R7582	1-218-941-11	RES-CHIP	100	5%	1/16W
R7583	1-218-941-11	RES-CHIP	100	5%	1/16W
R7584	1-218-941-11	RES-CHIP	100	5%	1/16W
R7585	1-218-941-11	RES-CHIP	100	5%	1/16W
R7586	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7587	1-218-935-11	RES-CHIP	33	5%	1/16W
R7597	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7600	1-218-949-11	RES-CHIP	470	5%	1/16W
R7604	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7606	1-218-941-81	RES-CHIP	100	5%	1/16W
R7607	1-218-941-81	RES-CHIP	100	5%	1/16W
R7609	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7610	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7613	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7615	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7616	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7617	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7618	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7623	1-218-941-81	RES-CHIP	100	5%	1/16W
R7624	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7627	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7628	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7630	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7631	1-218-941-81	RES-CHIP	100	5%	1/16W
R7637	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7638	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7651	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7653	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7654	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7655	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7662	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7663	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7666	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7669	1-218-990-81	SHORT CHIP			
R7670	1-218-941-81	RES-CHIP	100	5%	1/16W
R7673	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7677	1-218-941-81	RES-CHIP	100	5%	1/16W
R7681	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7682	1-218-945-11	RES-CHIP	220	5%	1/16W
R7683	1-218-941-81	RES-CHIP	100	5%	1/16W
R7807	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7851	1-218-933-11	RES-CHIP	22	5%	1/16W
R7852	1-218-933-11	RES-CHIP	22	5%	1/16W
R7853	1-218-933-11	RES-CHIP	22	5%	1/16W
R7854	1-218-933-11	RES-CHIP	22	5%	1/16W
R7855	1-218-933-11	RES-CHIP	22	5%	1/16W
R7856	1-218-933-11	RES-CHIP	22	5%	1/16W
R7857	1-218-933-11	RES-CHIP	22	5%	1/16W
R7858	1-218-973-11	RES-CHIP	47K	5%	1/16W
R7859	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7860	1-218-933-11	RES-CHIP	22	5%	1/16W

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES
RESISTOR BRIDGE			
RB1202	1-239-674-81	RESISTOR, NETWORK	100
RB1302	1-239-674-81	RESISTOR, NETWORK	100
RB1303	1-239-674-81	RESISTOR, NETWORK	100
RB1304	1-239-674-81	RESISTOR, NETWORK	100
RB1305	1-239-698-11	RESISTOR, NETWORK	10K
RB1306	1-239-698-11	RESISTOR, NETWORK	10K
RB1307	1-239-698-11	RESISTOR, NETWORK	10K
RB1401	1-234-378-21	RES, NETWORK	10K (1005X4)
RB2001	1-234-378-21	RES, NETWORK	10K (1005X4)
RB2002	1-239-702-81	RESISTOR, NETWORK	22K
RB2003	1-239-674-81	RESISTOR, NETWORK	100
RB2004	1-234-372-11	RES, NETWORK	100 (1005X4)
RB2005	1-234-882-21	RES, CHIP NETWORK	47KX8 (3816)
RB2006	1-234-882-21	RES, CHIP NETWORK	47KX8 (3816)
RB2008	1-239-686-11	RESISTOR, NETWORK	1K
RB2009	1-239-686-11	RESISTOR, NETWORK	1K
RB2014	1-239-698-11	RESISTOR, NETWORK	10K
RB2015	1-234-375-21	RES, NETWORK	1K (1005X4)
RB2018	1-234-378-21	RES, NETWORK	10K (1005X4)
RB2019	1-239-686-11	RESISTOR, NETWORK	1K
RB2022	1-239-710-11	RESISTOR, NETWORK	100K
* RB2024	1-234-380-21	RES, NETWORK	47K (1005X4)
RB2025	1-239-698-11	RESISTOR, NETWORK	10K
RB2026	1-239-698-11	RESISTOR, NETWORK	10K
RB2028	1-239-706-81	RESISTOR, NETWORK	47K
RB2029	1-234-378-21	RES, NETWORK	10K (1005X4)
RB2033	1-234-372-11	RES, NETWORK	100 (1005X4)
RB2034	1-239-706-81	RESISTOR, NETWORK	47K
RB2036	1-239-702-81	RESISTOR, NETWORK	22K
RB2039	1-239-702-81	RESISTOR, NETWORK	22K
RB2042	1-239-674-81	RESISTOR, NETWORK	100
RB3003	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3004	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3006	1-239-698-11	RESISTOR, NETWORK	10K
RB3008	1-239-674-81	RESISTOR, NETWORK	100
RB3009	1-239-698-11	RESISTOR, NETWORK	10K
RB3010	1-239-674-81	RESISTOR, NETWORK	100
RB3015	1-239-698-11	RESISTOR, NETWORK	10K
RB3016	1-239-674-81	RESISTOR, NETWORK	100
RB3017	1-239-686-11	RESISTOR, NETWORK	1K
RB3021	1-239-682-11	RESISTOR, NETWORK	470
RB3022	1-239-698-11	RESISTOR, NETWORK	10K
RB3024	1-239-698-11	RESISTOR, NETWORK	10K
RB3025	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB3030	1-234-375-21	RES, NETWORK	1K (1005X4)
RB3031	1-234-375-21	RES, NETWORK	1K (1005X4)
RB3032	1-234-372-11	RES, NETWORK	100 (1005X4)
RB3301	1-234-378-21	RES, NETWORK	10K (1005X4)
RB3410	1-239-698-11	RESISTOR, NETWORK	10K
RB4700	1-239-686-11	RESISTOR, NETWORK	1K
RB4704	1-234-372-11	RES, NETWORK	100 (1005X4)
RB4706	1-234-372-11	RES, NETWORK	100 (1005X4)
RB4707	1-234-375-21	RES, NETWORK	1K (1005X4)
RB4708	1-234-878-21	RES, CHIP NETWORK	1KX8 (3816)
RB4709	1-234-375-21	RES, NETWORK	1K (1005X4)
RB4711	1-239-674-81	RESISTOR, NETWORK	100
RB4716	1-234-375-21	RES, NETWORK	1K (1005X4)
RB4717	1-234-878-21	RES, CHIP NETWORK	1KX8 (3816)
RB4725	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB4726	1-239-686-11	RESISTOR, NETWORK	1K
RB4727	1-239-694-81	RESISTOR, NETWORK	4.7K
RB4729	1-234-377-21	RES, NETWORK	4.7K (1005X4)
RB4900	1-234-370-21	RES, NETWORK	22 (1005X4)
RB4901	1-234-370-21	RES, NETWORK	22 (1005X4)
RB4902	1-234-370-21	RES, NETWORK	22 (1005X4)
RB4903	1-234-370-21	RES, NETWORK	22 (1005X4)
RB4904	1-234-370-21	RES, NETWORK	22 (1005X4)
RB5001	1-239-686-11	RESISTOR, NETWORK	1K
RB5002	1-239-674-81	RESISTOR, NETWORK	100
RB5101	1-234-372-11	RES, NETWORK	100 (1005X4)
* RB5102	1-234-380-21	RES, NETWORK	47K (1005X4)
RB5110	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5112	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5141	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5143	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5161	1-239-706-81	RESISTOR, NETWORK	47K
RB5162	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5164	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5166	1-239-674-81	RESISTOR, NETWORK	100
RB5191	1-239-706-81	RESISTOR, NETWORK	47K
RB5192	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5194	1-234-369-21	RES, NETWORK	10 (1005X4)
RB5196	1-239-674-81	RESISTOR, NETWORK	100
RB5212	1-239-706-81	RESISTOR, NETWORK	47K
RB5214	1-239-686-11	RESISTOR, NETWORK	1K
RB7200	1-234-370-21	RES, NETWORK	22 (1005X4)
RB7201	1-239-674-81	RESISTOR, NETWORK	100
RB7202	1-239-674-81	RESISTOR, NETWORK	100
RB7204	1-239-674-81	RESISTOR, NETWORK	100
RB7206	1-239-674-81	RESISTOR, NETWORK	100

BU

REF. NO.	PART NO.	DESCRIPTION	VALUES
RB7207	1-239-674-81	RESISTOR, NETWORK 100	
RB7208	1-239-698-11	RESISTOR, NETWORK 10K	
RB7210	1-239-698-11	RESISTOR, NETWORK 10K	
RB7400	1-239-674-81	RESISTOR, NETWORK 100	
RB7407	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7509	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB7511	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7512	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7600	1-239-674-81	RESISTOR, NETWORK 100	
RB7601	1-239-690-81	RESISTOR, NETWORK 2.2K	
RB7850	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB7852	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7853	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7854	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7855	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7856	1-234-370-21	RES, NETWORK 22	(1005X4)
RB7857	1-234-378-21	RES, NETWORK 10K	(1005X4)
RB7858	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB7859	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB7860	1-234-372-11	RES, NETWORK 100	(1005X4)
RB7861	1-234-372-11	RES, NETWORK 100	(1005X4)
	TUNER		
TU7600	8-597-661-00	TUNER, FSS BTF-CA422T	
	VARISTOR		
VD1001	1-802-078-11	VARISTOR (SMD)	
VD1002	1-802-078-11	VARISTOR (SMD)	
VD1003	1-802-078-11	VARISTOR (SMD)	
VD1004	1-802-078-11	VARISTOR (SMD)	
VD1005	1-802-078-11	VARISTOR (SMD)	
VD1006	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1007	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1051	1-802-078-11	VARISTOR (SMD)	
VD1052	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1101	1-802-078-11	VARISTOR (SMD)	
VD1102	1-802-078-11	VARISTOR (SMD)	
VD1103	1-802-078-11	VARISTOR (SMD)	
VD1104	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1121	1-802-078-11	VARISTOR (SMD)	
VD1122	1-802-078-11	VARISTOR (SMD)	
VD1123	1-802-078-11	VARISTOR (SMD)	
VD1124	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1201	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1203	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1205	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1211	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1212	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1213	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD1214	1-802-078-11	VARISTOR (SMD)	
VD1215	1-802-078-11	VARISTOR (SMD)	
VD3201	1-802-493-21	VARISTOR, NETWORK	(1005X2)
VD5001	1-802-078-11	VARISTOR (SMD)	
VD5002	1-802-078-11	VARISTOR (SMD)	
VD5003	1-802-078-11	VARISTOR (SMD)	
VD5004	1-802-078-11	VARISTOR (SMD)	
VD5005	1-802-078-11	VARISTOR (SMD)	
VD5006	1-802-078-11	VARISTOR (SMD)	
VD5007	1-802-078-11	VARISTOR (SMD)	
VD5008	1-802-078-11	VARISTOR (SMD)	
VD5009	1-802-078-11	VARISTOR (SMD)	
VD5101	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5103	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5104	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5131	1-802-078-11	VARISTOR (SMD)	
VD5133	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5134	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5161	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5162	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5191	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD5192	1-802-481-11	ESD SUPPRESSOR	(4 ARRAY)
VD7503	1-802-078-11	VARISTOR (SMD)	
VD7504	1-802-417-11	SURGE ABSORBER	
VD7505	1-802-417-11	SURGE ABSORBER	
VD7506	1-802-078-11	VARISTOR (SMD)	
VD7507	1-802-078-11	VARISTOR (SMD)	
VD7508	1-802-078-11	VARISTOR (SMD)	
	CRYSTAL		
X2000	1-813-462-11	VIBRATOR, CRYSTAL	24.576MHZ
X3001	1-813-070-21	PIEZOELECTRIC OSCILLATOR	
X3501	1-579-886-21	VIBRATOR, CRYSTAL	
X4700	1-813-082-11	VIBRATOR, CRYSTAL	(24.000MHZ)
X7200	1-814-133-21	VIBRATOR, CRYSTAL	
X7500	1-814-132-21	VIBRATOR, CRYSTAL	
X7501	1-814-146-11	OSCILLATOR, CRYSTAL	(50.0MHZ)

D3Z

D3Z

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	A-1536-221-A	**D3Z-40 BOARD, COMPLETE (KDL-40Z4100/B & 40Z4100/S ONLY)**			
	A-1536-222-A	**D3Z-46 BOARD, COMPLETE (KDL-46Z4100/B & 46Z4100/S ONLY)**			
	2-580-593-01	SCREW, +PSW M3X8			
	CAPACITOR				
C6600	1-112-744-61	MYLAR	1µF	10%	450V
C6601	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6602	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6604	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6606	1-112-744-61	MYLAR	1µF	10%	450V
C6609	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6612	1-112-874-51	CERAMIC	220pF	10%	250V
C6658	1-115-339-11	CERAMIC CHIP	0.1µF	10%	50V
C6702	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6703	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6710	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6711	1-112-737-11	CERAMIC	27pF	5%	6.3KV
C6712	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6714	1-114-588-91	CERAMIC CHIP	0.0027µF	5%	50V
C6717	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6723	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6724	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6725	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C6726	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6727	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6728	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C6729	1-107-882-91	ELECT	100µF	20%	16V
C6730	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6731	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6732	1-100-591-91	CERAMIC CHIP	1µF	10%	25V
C6733	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6735	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C6738	1-137-710-91	CERAMIC CHIP	10µF	20%	6.3V
C6739	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6740	1-107-882-91	ELECT	100µF	20%	16V
C6742	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6744	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6745	1-107-882-91	ELECT	100µF	20%	16V
C6746	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6747	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6748	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6749	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6751	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6752	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6754	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6755	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6756	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6757	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6758	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6759	1-107-882-91	ELECT	100µF	20%	16V
C6761	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6762	1-125-889-11	CERAMIC CHIP	2.2µF	10%	10V
C6788	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6789	1-107-909-11	ELECT	47µF	20%	50V
C6794	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C6797	1-112-744-61	MYLAR	1µF	10%	450V
	CONNECTOR				
CN6600	1-819-986-11	PIN, CONNECTOR (PC BOARD)	3P		
CN6700	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61			
* CN6702	1-778-682-11	PIN, CONNECTOR (PC BOARD)	8P		
CN6706	1-785-120-11	PIN, CONNECTOR (PC BOARD)	9P		
	DIODE				
D6600	6-501-818-01	DIODE	MA2J1130GLS0		
D6601	6-501-818-01	DIODE	MA2J1130GLS0		
D6604	6-501-848-01	DIODE	S3K60		
D6605	6-501-848-01	DIODE	S3K60		
D6606	6-501-848-01	DIODE	S3K60		
D6607	6-501-848-01	DIODE	S3K60		
D6608	6-501-818-01	DIODE	MA2J1130GLS0		
D6609	6-501-818-01	DIODE	MA2J1130GLS0		
D6612	6-501-848-01	DIODE	S3K60		
D6613	6-501-848-01	DIODE	S3K60		
D6614	6-501-848-01	DIODE	S3K60		
D6615	6-501-848-01	DIODE	S3K60		
D6620	8-719-083-57	DIODE	UDZSNPTE-173.6B		
D6621	8-719-083-57	DIODE	UDZSNPTE-173.6B		
D6623	8-719-083-57	DIODE	UDZSNPTE-173.6B		
D6624	8-719-083-57	DIODE	UDZSNPTE-173.6B		
D6704	6-501-579-01	DIODE	MC2837		
D6705	6-501-579-01	DIODE	MC2837		
D6709	6-501-732-01	DIODE	MAZ8056G0LS0		
D6710	6-501-732-01	DIODE	MAZ8056G0LS0		

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

D3Z

REF. NO.	PART NO.	DESCRIPTION	VALUES
D6711	6-501-817-01	DIODE	MA2J1110GLS0
D6714	6-501-724-01	DIODE	MAZ8047G0LS0
D6715	6-501-724-01	DIODE	MAZ8047G0LS0
D6722	6-500-335-01	DIODE	MC2838-T112-1
D6725	6-500-137-01	DIODE	BAT54HT1
D6727	6-500-137-01	DIODE	BAT54HT1
	FERRITE BEAD		
FB6600	1-410-397-21	FERRITE	1.1µH
FB6601	1-410-396-41	FERRITE	0.45µH
FB6602	1-410-397-21	FERRITE	1.1µH
FB6603	1-410-396-41	FERRITE	0.45µH
FB6604	1-410-397-21	FERRITE	1.1µH
FB6605	1-410-396-41	FERRITE	0.45µH
FB6606	1-410-397-21	FERRITE	1.1µH
FB6607	1-410-396-41	FERRITE	0.45µH
FB6608	1-481-256-11	FERRITE	0µH
FB6609	1-481-256-11	FERRITE	0µH
FB6612	1-410-397-21	FERRITE	1.1µH
FB6613	1-410-396-41	FERRITE	0.45µH
FB6716	1-414-793-21	FERRITE	0µH
FB6718	1-414-793-21	FERRITE	0µH
	IC		
⚠ IC6702	6-702-877-01	IC	LD1117S50
IC6703	6-705-660-01	IC	LM339DT(A)
	CHIP CONDUCTOR		
JR6700	1-216-296-11	SHORT CHIP	
JR6701	1-216-296-11	SHORT CHIP	
JR6702	1-216-296-11	SHORT CHIP	
JR6704	1-216-296-11	SHORT CHIP	
JR6705	1-216-296-11	SHORT CHIP	
JR6707	1-216-296-11	SHORT CHIP	
JR6708	1-216-296-11	SHORT CHIP	
JR6709	1-216-296-11	SHORT CHIP	
JR6710	1-216-296-11	SHORT CHIP	
JR6711	1-216-296-11	SHORT CHIP	
JR6712	1-216-296-11	SHORT CHIP	
JR6716	1-216-296-11	SHORT CHIP	
	COIL		
L6600	1-406-976-11	INDUCTOR	68µH

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	TRANSISTOR				
Q6600	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
Q6601	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
Q6604	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
Q6605	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
Q6706	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1		
Q6707	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1		
Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
Q6717	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
Q6718	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
Q6719	8-729-055-50	TRANSISTOR	2SC4357-T11-1E		
Q6720	8-729-055-50	TRANSISTOR	2SC4357-T11-1E		
	RESISTOR				
R6600	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6601	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6602	1-249-403-11	CARBON	68	5%	1/4W
R6603	1-249-403-11	CARBON	68	5%	1/4W
R6604	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6605	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6606	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6607	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6610	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6611	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6612	1-249-403-11	CARBON	68	5%	1/4W
R6613	1-249-403-11	CARBON	68	5%	1/4W
R6614	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6615	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6616	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6617	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6619	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6632	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6633	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6634	1-216-049-11	RES-CHIP	1K	5%	1/10W
R6635	1-216-049-11	RES-CHIP	1K	5%	1/10W
⚠ R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6701	1-216-809-11	METAL CHIP	100	5%	1/10W
R6702	1-216-809-11	METAL CHIP	100	5%	1/10W
R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6705	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

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D3Z

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6714	1-218-847-11	RES, CHIP	1.0K	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6714	1-216-864-11	SHORT CHIP			
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6715	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6715	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6716	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6720	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6721	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6722	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6723	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6725	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6726	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R6727	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
R6728	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6730	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W
R6733	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6736	1-216-864-11	SHORT CHIP			
R6747	1-218-909-11	METAL CHIP	390K	0.50%	1/10W
R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6751	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6751	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6752	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6752	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6754	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6754	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6755	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6756	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6756	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6757	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6758	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6758	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6762	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6762	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6764	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6764	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6766	1-216-864-11	SHORT CHIP			
R6768	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6768	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6770	1-216-864-11	SHORT CHIP			
R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6776	1-216-864-11	SHORT CHIP			
R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6782	1-216-864-11	SHORT CHIP			
R6783	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6790	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6791	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6791	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6792	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6796	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6796	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6797	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6798	1-218-823-11	METAL CHIP	100	0.50%	1/10W
		(KDL-40Z4100/B & 40Z4100/S ONLY)			
R6798	1-211-991-11	METAL CHIP	82	0.50%	1/10W
		(KDL-46Z4100/B & 46Z4100/S ONLY)			
R6799	1-216-845-11	METAL CHIP	100K	5%	1/10W
⚠ R6804	1-249-381-11	CARBON	1	5%	1/4W
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6813	1-216-864-11	SHORT CHIP			

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

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D3Z G4 H3V H4

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6814	1-216-864-11	SHORT CHIP			
R6823	1-216-864-11	SHORT CHIP			
R6824	1-216-864-11	SHORT CHIP			
R6917	1-249-417-11	CARBON	1K	5%	1/4W
R6918	1-249-417-11	CARBON	1K	5%	1/4W
R6919	1-249-417-11	CARBON	1K	5%	1/4W
R6920	1-249-417-11	CARBON	1K	5%	1/4W
R6921	1-218-911-11	METAL CHIP	470K	0.50%	1/10W

G4

1-474-089-11 G4 BOARD, COMPLETE (POWER UNIT)
This board is manufactured by a 3rd party.
Component level repair information is not available.

H3V

A-1550-478-A H3V BOARD, MOUNTED

CAPACITOR

C302	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C303	1-114-343-11	ELECT CHIP	100µF	20%	6.3V
C304	1-114-130-11	CERAMIC CHIP	1µF	10%	6.3V

DIODE

D302	8-719-036-94	DIODE	RD5.6SB-T1
D308	6-502-297-01	DIODE	FR1105W-730-TR
D323	6-502-296-01	DIODE	VYPY1105W-5C43A-TR
D324	6-502-297-01	DIODE	FR1105W-730-TR
D325	6-502-296-01	DIODE	VYPY1105W-5C43A-TR

IC

IC301	6-600-680-01	PHOTO DIODE	BH1690FVC-TR

TRANSISTOR

Q301	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q302	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q303	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q305	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
Q306	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF

RESISTOR

R301	1-218-941-11	RES-CHIP	100	5%	1/16W
R302	1-208-874-81	METAL CHIP	300	0.50%	1/16W
R303	1-218-941-11	RES-CHIP	100	5%	1/16W
R305	1-208-874-81	METAL CHIP	300	0.50%	1/16W
R306	1-218-937-11	RES-CHIP	47	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R307	1-218-953-11	RES-CHIP	1K	5%	1/16W
R309	1-218-981-91	RES-CHIP	220K	5%	1/16W
R310	1-218-989-11	RES-CHIP	1M	5%	1/16W
R311	1-218-965-11	RES-CHIP	10K	5%	1/16W
R312	1-218-971-11	RES-CHIP	33K	5%	1/16W
R314	1-218-953-11	RES-CHIP	1K	5%	1/16W

H4

A-1508-001-A H4 BOARD, MOUNTED

CAPACITOR

C401	1-112-068-11	CERAMIC CHIP	220pF	10%	50V
C402	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V

IC

IC401	6-600-681-01	IC	RS-770N

RESISTOR

R401	1-218-949-11	RES-CHIP	470	5%	1/16W
R402	1-218-937-11	RES-CHIP	47	5%	1/16W

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF. NO.	PART NO.	DESCRIPTION	VALUES
		ACCESSORIES AND PACKING	
*	2-678-265-01	BAG, PROTECTION (KDL-40Z4100/B & 40Z4100/S ONLY)	
*	2-678-266-01	BAG, PROTECTION (KDL-46Z4100/B & 46Z4100/S ONLY)	
*	3-287-548-11	BAG, PROTECTION (STAND)	
*	3-285-985-01	CARTON, INDIVIDUAL (40) (KDL-40Z4100/B & 40Z4100/S ONLY)	
*	3-285-980-01	CARTON, INDIVIDUAL (46) (KDL-46Z4100/B & 46Z4100/S ONLY)	
*	3-285-987-01	CUSHION, LOWER (40) (KDL-40Z4100/B & 40Z4100/S ONLY)	
*	3-285-982-01	CUSHION, LOWER (46) (KDL-46Z4100/B & 46Z4100/S ONLY)	
*	3-285-986-01	CUSHION, UPPER (40) (KDL-40Z4100/B & 40Z4100/S ONLY)	
*	3-285-981-01	CUSHION, UPPER (46) (KDL-46Z4100/B & 46Z4100/S ONLY)	
	3-297-699-12	GUIDE, QUICK SETUP (ENGLISH VERSION)	
	3-297-699-21	GUIDE, QUICK SETUP (FRENCH VERSION)	
	3-297-699-31	GUIDE, QUICK SETUP (SPANISH VERSION)	
	3-297-695-12	MANUAL, INSTRUCTION (ENGLISH VERSION)	
	3-297-695-21	MANUAL, INSTRUCTION (FRENCH VERSION)	
	3-297-695-31	MANUAL, INSTRUCTION (SPANISH VERSION)	
⚠	1-835-143-11	POWER-SUPPLY CORD (ALL KDL-40Z4100/B & 40Z4100/S MODELS) (KDL-46Z4100/B & 46Z4100/S MEX/LATIN AMERICA ONLY)	
⚠	1-835-554-11	POWER-SUPPLY CORD (KDL-46Z4100/B & 46Z4100/S US/CND ONLY)	
*	3-287-437-01	TRAY (46) (KDL-46Z4100/B & 46Z4100/S ONLY)	

REF. NO.	PART NO.	DESCRIPTION	VALUES
		MISCELLANEOUS	
	3-452-376-01	COVER, REAR (STAND)	
	3-299-074-11	FLYER, LINUX	
	3-299-071-01	FLYER, SAFETY	
	2-650-770-01	SLIDE, CLAMP	
	4-665-205-01	SPECIAL FLAT HEAD (EG GRIP), M2	
☛	2-580-608-01	SCREW, +PSW M5X16 (SCREWS TO ATTACH TABLE-TOP STAND TO TV) For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV. CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets.	
☛	X-2186-601-1	SUPPORT BELT KIT	
	3-874-380-11	TAPE (D4)	
	2-688-062-01	TAPE (LCD)	
	7-632-452-24	TAPE (NO.303) 18MMX35M YEL	
	1-910-048-39	WIRE ASSY, LUG TERMINAL 70 (KDL-40Z4100/B & 40Z4100/S ONLY)	
	1-910-047-05	WIRE ASSY, LUG TERMINAL 85 (KDL-40Z4100/S & 46Z4100/S ONLY)	
		REMOTE COMMANDER	
	1-480-616-11	REMOTE COMMANDER (RM-YD024)	
	9-885-120-26	BATTERY COVER (for RM-YD024)	

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Departmen

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APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.**

5) **If a Circuit Board identified with a red outline and a in the service manual is deemed to be defective:**

   a) **and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.**

   b) **and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.**

5) **If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a in the service manual MUST BE DESTROYED.**

SERVICE MANUAL

EX1 CHASSIS

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.